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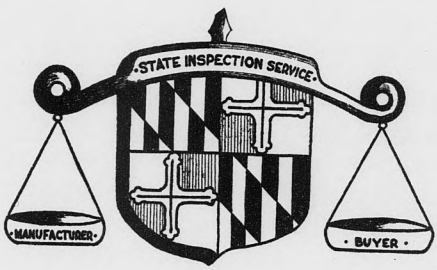
Commercial Fertilizers, Commercial Feeds

and

Agricultural Liming Materials



STATE INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
College Park, Md.

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INTRODUCTION

The State Inspection Service of Maryland is charged with the enforcement of the fertilizer, feed and lime laws, which requires that all fertilizers, feeds and limes be registered before they are offered for sale in the State. These statutes further require that the guaranteed analysis must be shown on a fertilizer, feed and lime sack, and, in addition to this information, a list of ingredients from which the product is made must be included on the feed package. There should also appear upon ground and pulverized lime packages the guarantee for degree of fineness. The duties of the Inspection Service may be briefly summarized as consisting of the registration of these products, the collection of samples, the laboratory examination of samples collected, the publication of results obtained and the prosecution of violators of the law.

The first part of this publication contains the analysis of 490 samples of fertilizers taken by our inspectors from shipments going forward to Maryland users.

Included in this report are the results of chemical and microscopical examination upon 952 samples of feed to ascertain if manufacturers' guarantees and declarations of ingredients were sustained.

Fifty-two samples of lime were drawn from dealer's stocks and warehouses throughout the State. Results of these examinations are included in this bulletin and have also been reported to the respective manufacturers, dealers and, whenever possible, to the buyer.

This publication also contains a descriptive list of all brands of fertilizers registered with this department prior to January 20, and intended for 1936 delivery. From this list of registered brands the buyer is enabled to more intelligently select the product best suited for his soil and crop requirement.

In addition to the analysis of official samples, 304 samples drawn and forwarded to this department by purchasers have been examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product, this organization can only vouch for the accuracy of the results obtained on the material submitted.

FERTILIZER ANALYSIS

A detailed report of the results obtained in the inspection and analysis of fertilizer from July 1, 1935 to January 1, 1936, is contained in pages 6 to 22, inclusive.

When submitting applications for the registration of fertilizers, manufacturers are required to state the percentage of mineral and the percentage of organic nitrogen contained in each product. Each mixed fertilizer is chemically examined for these two forms of nitrogen and reports included herein. The following tolerances or variations from manufacturers' statements have been adopted by this department.

> Mixed fertilizers containing two per cent of nitrogen or less were allowed a tolerance of one-fourth of one per cent.
>
> Mixed fertilizers containing three per cent of nitrogen a tolerance of one-third of one per cent.
>
> Mixed fertilizers containing four per cent or more of nitrogen, one-half of one per cent.

All mixed goods exceeding these tolerances carry the statement "Mineral and organic findings do not substantiate manufacturers' declaration."

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Acme Guano Co., Baltimore, Md.													
‡Acme 2-12-6	Boonsboro	2.00	**2.13**	1.60	**1.42**	.40	**.71**	**1.10**	12.00	**12.20**	6.00	**6.42**	**3** B
‡Acme 2-12-5 Special	Boonsboro	2.00	**2.30**	1.00	**.70**	1.00	**1.60**	**3.80**	12.00	**12.80**	5.00	**5.24**	**71** B
†Acme 2-12-4	Baltimore	2.00	**2.11**	1.60	**1.32**	.40	**.79**	**.90**	12.00	**12.90**	4.00	**4.23**	**340** B
Acme 2-12-4	Maugansville	2.00	**2.11**	1.60	**1.57**	.40	**.54**	**.70**	12.00	**12.80**	4.00	**4.30**	**85** B
Acme 2-12-4	Bel Air	2.00	**2.12**	1.60	**1.57**	.40	**.55**	**.80**	12.00	**12.40**	4.00	**4.42**	**121** B
Acme 2-9-5	Baltimore	2.00	**1.99**	1.60	**1.57**	.40	**.42**	**.40**	9.00	**10.20**	5.00	**5.35**	**48** B
†Acme 2-9-5	Vienna	2.00	**1.94**	1.60	**1.28**	.40	**.66**	**.30**	9.00	**10.40**	5.00	**5.51**	**8** A
†Acme 2-9-5	Baltimore	2.00	**1.98**	1.60	**1.33**	.40	**.65**	**.60**	9.00	**9.50**	5.00	**5.42**	**312** B
†Acme 2-9-5	New Windsor	2.00	**2.01**	1.60	**1.24**	.40	**.77**	**.40**	9.00	**9.80**	5.00	**5.82**	**37** B
†Acme 2-9-5	Bel Air	2.00	**2.01**	1.60	**1.46**	.40	**.55**	**.70**	9.00	**9.30**	5.00	**5.40**	**388** B
Acme 2-9-5	Cambridge	----	----	----	----	----	----	**.60**	12.00	**12.70**	5.00	**5.00**	----
Acme 0-12-5	Baltimore	----	----	----	----	----	----	**.80**	16.00	**16.40**	----	----	----
‡Acme 16 Lime Phosphate													
Agricultural Corp. of Maryland, Baltimore, Md.													
Farm Bureau, 4-8-5	Baltimore	4.00	**3.82**	3.25	**3.13**	.75	**.69**	**.60**	8.00	**8.90**	5.00	**5.24**	**83** A
Farm Bureau, 4-8-5	Baltimore	4.00	**3.86**	3.25	**3.22**	.75	**.64**	**.60**	8.00	**8.80**	5.00	**5.12**	**55** B
Farm Bureau, 4-8-5	Baltimore	4.00	**3.97**	3.25	**3.19**	.75	**.78**	**.50**	8.00	**8.80**	5.00	**5.00**	**76** A
Farm Bureau, 3-12-6	Baltimore	3.00	**3.09**	2.25	**2.32**	.75	**.77**	**.70**	12.00	**12.50**	6.00	**6.68**	**100** A
Farm Bureau, 3-12-6	Baltimore	3.00	**3.03**	2.25	**2.22**	.75	**.81**	**.60**	12.00	**12.80**	6.00	**6.60**	**145** A
Farm Bureau, 3-12-6	Baltimore	3.00	**3.05**	2.25	**2.36**	.75	**.69**	**.70**	12.00	**12.80**	6.00	**6.17**	**79** A
Farm Bureau, 2-12-6	Baltimore	2.00	**2.20**	1.50	**1.78**	.50	**.42**	**.80**	12.00	**12.50**	6.00	**6.64**	**122** A
Farm Bureau, 2-12-6	Baltimore	2.00	**2.20**	1.50	**1.76**	.50	**.44**	**.70**	12.00	**12.70**	6.00	**6.66**	**119** A
Farm Bureau, 2-12-6	Baltimore	2.00	**2.04**	1.50	**1.50**	.50	**.54**	**1.00**	12.00	**12.00**	6.00	**6.40**	**39** B
Farm Bureau, 2-12-4	Baltimore	2.00	**2.18**	1.25	**1.47**	.75	**.71**	**1.50**	12.00	**12.50**	4.00	**4.34**	**100** A
Farm Bureau, 2-12-4	Baltimore	2.00	**2.01**	1.25	**1.40**	.75	**.61**	**1.70**	12.00	**12.00**	4.00	**4.23**	**57** B
Farm Bureau, 2-12-4	Baltimore	2.00	**2.05**	1.25	**1.36**	.75	**.69**	**1.90**	12.00	**11.50**	4.00	**4.08**	**43** B
Farm Bureau, 2-9-5	Baltimore	2.00	**1.99**	1.25	**1.41**	.75	**.58**	**.70**	9.00	**9.80**	5.00	**5.20**	**59** B
†Farm Bureau, 2-9-5	Baltimore	2.00	**1.99**	1.25	**1.60**	.75	**.39**	**1.10**	9.00	**9.20**	5.00	**5.59**	**58** B
†Farm Bureau, 2-9-5	Baltimore	2.00	**2.12**	1.25	**1.66**	.75	**.46**	**1.00**	9.00	**9.40**	5.00	**5.40**	**66** B
Farm Bureau, 2-9-5	Baltimore	2.00	**2.02**	1.25	**1.45**	.75	**.57**	**1.10**	9.00	**9.10**	5.00	**5.40**	**97** B
†Farm Bureau, 2-8-10	Baltimore	2.00	**1.98**	1.25	**1.54**	.75	**.44**	**.70**	8.00	**8.10**	10.00	**10.44**	**109** B
Farm Bureau, 2-8-10	Baltimore	2.00	**2.02**	1.25	**1.47**	.75	**.55**	**.70**	8.00	**8.40**	10.00	**11.34**	**48** B
Farm Bureau, 0-12-5	Baltimore	----	----	----	----	----	----	**1.30**	12.00	**12.60**	5.00	**5.90**	----
Farm Bureau, 0-12-5	Baltimore	----	----	----	----	----	----	**1.30**	12.00	**13.30**	5.00	**4.90**	----

†Farm Bureau, 2-8-10	Baltimore	2.00	**1.98**	1.25	**1.54**	.75	**.44**	**.70**	8.00	**8.10**	10.00	**10.44**	**109**	B
Farm Bureau, 2-8-10	Baltimore	2.00	**2.02**	1.25	**1.47**	.75	**.55**	**.70**	8.00	**8.40**	10.00	**11.34**	**48**	B
Farm Bureau, 0-12-5	Baltimore	----	----	----	----	----	----	**1.30**	12.00	**12.60**	5.00	**5.90**	----	
Farm Bureau, 0-12-5	Baltimore	----	----	----	----	----	----	**1.30**	12.00	**13.30**	5.00	**4.90**	----	
Farm Bureau, 16% Superphosphate	Baltimore	----	----	----	----	----	----	**.50**	12.00	**12.80**	5.00	**5.16**	----	
		----	----	----	----	----	----	**1.30**	16.00	**16.70**	----	----	----	
American Agricultural Chemical Co., Baltimore, Md.														
AA. Horse Shoe Fertilizer, 2-12-6	Baltimore	2.00	**2.02**	1.50	**1.40**	.50	**.62**	**1.20**	12.00	**12.30**	6.00	**6.44**	**264**	B
AA. Horse Shoe Fertilizer, 2-12-6	Baltimore	2.00	**2.09**	1.50	**1.47**	.50	**.62**	**1.10**	12.00	**12.40**	6.00	**6.83**	**116**	A
Agrico for Grain, 2-12-4	Baltimore	2.00	**2.04**	1.50	**1.62**	.50	**.42**	**1.20**	12.00	**12.10**	4.00	**4.34**	**7**	A
Agrico for Grain, 2-12-4	Baltimore	2.00	**2.04**	1.50	**1.61**	.50	**.43**	**1.30**	12.00	**12.10**	4.00	**4.19**	**130**	B
Agrico for Grain, 2-12-4	Baltimore	2.00	**2.01**	1.50	**1.68**	.50	**.33**	**1.40**	12.00	**12.10**	4.00	**4.28**	**408**	B
Agrico for Grain, 2-12-4	Rocky Ridge	2.00	**2.02**	1.50	**1.45**	.50	**.57**	**1.10**	12.00	**12.10**	4.00	**4.08**	**23**	A
Agrico for Grain, 2-12-4	Baltimore	2.00	**2.13**	1.50	**1.68**	.50	**.45**	**1.10**	12.00	**12.50**	4.00	**4.34**	**27**	A
AA. Farmers Friend Fertilizer, 2-12-4	Baltimore	2.00	**2.11**	1.50	**1.50**	.50	**.61**	**1.00**	12.00	**12.40**	4.00	**4.23**	**47**	B
AA. Farmers Friend Fertilizer, 2-12-4	Baltimore	2.00	**2.12**	1.50	**1.52**	.50	**.60**	**1.00**	12.00	**12.30**	4.00	**4.22**	**67**	A
AA. Farmers Friend Fertilizer, 2-12-4	Baltimore	2.00	**2.01**	1.50	**1.46**	.50	**.55**	**1.00**	12.00	**12.30**	4.00	**4.26**	**40**	B
AA. Farmers Friend Fertilizer, 2-12-4	Baltimore	2.00	**2.05**	1.50	**1.46**	.50	**.59**	**1.10**	12.00	**12.40**	4.00	**4.34**	**326**	B
AA. Red Dog Fertilizer, 2-9-5	Baltimore	2.00	**2.02**	1.50	**1.47**	.50	**.55**	**1.20**	12.00	**12.30**	4.00	**4.16**	**66**	A
AA. Red Dog Fertilizer, 2-9-5	Baltimore	2.00	**1.98**	1.50	**1.49**	.50	**.49**	**.70**	9.00	**9.50**	5.00	**5.08**	**91**	A
AA. Red Dog Fertilizer, 2-9-5	Baltimore	2.00	**1.99**	1.50	**1.49**	.50	**.50**	**.80**	9.00	**9.50**	5.00	**5.40**	**74**	A
AA. Red Dog Fertilizer, 2-9-5	Baltimore	2.00	**1.99**	1.50	**1.49**	.50	**.50**	**.90**	9.00	**9.80**	5.00	**5.40**	**334**	B
AA. Red Dog Fertilizer, 2-9-5	Baltimore	2.00	**2.02**	1.50	**1.50**	.50	**.52**	**1.00**	9.00	**9.20**	5.00	**5.12**	**70**	A
Listers Harvest Queen Fertilizer, 2-9-5	Baltimore	2.00	**1.99**	1.50	**1.47**	.50	**.52**	**.90**	9.00	**9.70**	5.00	**5.08**	**56**	A
Listers Harvest Queen Fertilizer, 2-9-5	Baltimore	2.00	**1.99**	1.50	**1.50**	.50	**.49**	**.70**	9.00	**9.70**	5.00	**5.15**	**81**	A
Listers Harvest Queen Fertilizer, 2-9-5	Baltimore	2.00	**2.02**	1.50	**1.40**	.50	**.59**	**1.00**	9.00	**9.30**	5.00	**5.28**	**351**	B
AA. Old Hickory Fertilizer, 2-8-10	Baltimore	2.00	**1.99**	1.50	**1.57**	.50	**.45**	**.70**	9.00	**9.40**	5.00	**5.00**	**82**	A
AA. Old Hickory Fertilizer, 2-8-10	Baltimore	2.00	**2.13**	1.50	**1.47**	.50	**.52**	**.80**	8.00	**8.40**	10.00	**10.12**	**44**	A
AA. Acme Fertilizer, 1-10-5	Baltimore	1.00	**1.12**	.75	**1.52**	.50	**.61**	**1.10**	8.00	**8.60**	10.00	**10.24**	**363**	B
AA. Acme Fertilizer, 1-10-5	Baltimore	1.00	**1.20**	.75	**.67**	.25	**.45**	**1.10**	10.00	**10.50**	5.00	**5.04**	**357**	B
AA. Acme Fertilizer, 1-10-5	Baltimore	1.00	**1.18**	.75	**.66**	.25	**.54**	**1.10**	10.00	**10.70**	5.00	**5.16**	**36**	B
AA. Victory Mixture, 0-12-5	Baltimore	1.00	**1.18**	.75	**.63**	.25	**.55**	**1.10**	10.00	**10.20**	5.00	**5.12**	**27**	B
AA. Victory Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	**1.40**	12.00	**12.20**	5.00	**5.28**	----	
AA. 20% Superphosphate, 0-20-0	Baltimore	----	----	----	----	----	----	**1.20**	12.00	**12.60**	5.00	**5.04**	----	
AA. 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.80**	20.00	**21.00**	----	----	----	
AA. 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.60**	16.00	**17.20**	----	----	----	
AA. 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.20**	16.00	**17.20**	----	----	----	
AA. 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.40**	16.00	**16.70**	----	----	----	
AA. 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.60**	16.00	**16.70**	----	----	----	
AA. Basic Lime Phosphate 16%, 0-16-0	Baltimore	----	----	----	----	----	----	**1.80**	16.00	**17.40**	----	----	----	
AA. Basic Lime Phosphate 16%, 0-16-0	Baltimore	----	----	----	----	----	----	**1.90**	16.00	**16.50**	----	----	----	
		----	----	----	----	----	----	**1.70**	16.00	**16.60**	----	----	----	

‡Not Licensed at time of Sale.

†Mineral and Organic findings do not substantiate manufacturer's declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
American Agricultural Chemical Co., Baltimore,	**Md.** (Continued)												
AA. Basic Lime Phosphate 16%, 0-16-0	Baltimore	----	----	----	----	----	----	**1.70**	16.00	**17.20**	----	----	----
AA. Pure Raw Bone, 3.70-20 T. P. A.-0	Baltimore	3.70	**4.00**	----	----	----	----	----	*20.00	***20.50**	----	----	----
American Cyanamid Co., New York, N. Y.													
Granular "Aero" Cyanamid	Denton	21.00	**21.28**	----	----	----	----	----	----	----	----	----	----
Armour Fertilizer Works, Baltimore, Md.													
Big Crop Fertilizer, 2-12-6	Baltimore	2.00	**1.99**	1.50	**1.33**	.50	**.66**	**.40**	12.00	**12.30**	6.00	**7.37**	**198 B**
Big Crop Fertilizer, 2-12-6	Elkton	2.00	**2.05**	1.50	**1.72**	.50	**.33**	**.60**	12.00	**12.40**	6.00	**5.43**	**20 B**
Big Crop Fertilizer, 2-12-4	Baltimore	2.00	**2.06**	1.50	**1.35**	.50	**.71**	**.60**	12.00	**12.90**	4.00	**4.19**	**61 A**
Big Crop Fertilizer, 2-9-5	Baltimore	2.00	**2.02**	1.50	**1.40**	.50	**.62**	**.40**	9.00	**9.60**	5.00	**5.00**	**27 B**
Big Crop Fertilizer, 2-9-5	Baltimore	2.00	**2.12**	1.50	**1.32**	.50	**.80**	**.30**	9.00	**9.70**	5.00	**5.04**	**25 A**
†Big Crop Fertilizer, 2-9-5	Baltimore	2.00	**1.94**	1.50	**1.18**	.50	**.76**	**.50**	9.00	**9.60**	5.00	**5.12**	**23 A**
†Big Crop Fertilizer, 2-9-5	Baltimore	2.00	**2.04**	1.50	**1.10**	.50	**.94**	**.70**	9.00	**9.20**	5.00	**5.24**	**107 B**
Big Crop Fertilizer, 2-8-10	Baltimore	2.00	**2.05**	1.50	**1.40**	.50	**.65**	**.40**	8.00	**8.50**	10.00	**10.52**	**56 B**
Big Crop Fertilizer, 2-8-10	Baltimore	2.00	**1.99**	1.50	**1.39**	.50	**.60**	**.30**	8.00	**8.40**	10.00	**11.10**	**50 B**
Big Crop Fertilizer, 2-8-10	Baltimore	2.00	**2.02**	1.50	**1.29**	.50	**.73**	**.30**	8.00	**8.50**	10.00	**11.02**	**169 B**
Big Crop Fertilizer, 2-8-10	Baltimore	2.00	**2.12**	1.50	**1.40**	.50	**.72**	**.50**	8.00	**8.30**	10.00	**10.86**	**30 A**
Armour's Royal Fish Mixture, 1-10-5	Baltimore	1.00	**1.14**	.60	**.48**	.40	**.66**	**.50**	10.00	**10.50**	5.00	**5.40**	**105 B**
Armour Big Crop Fertilizer, 0-10-10	Baltimore	----	----	----	----	----	----	**.30**	10.00	**10.00**	10.00	**10.60**	----
Armour Big Crop Fertilizer, 0-10-10	Baltimore	----	----	----	----	----	----	**.30**	10.00	**10.50**	10.00	**10.40**	----
Armour Big Crop Fertilizer, 0-10-10	Baltimore	----	----	----	----	----	----	**.40**	10.00	**10.50**	10.00	**10.08**	----
Armour Big Crop Fertilizer, 0-10-10	Baltimore	----	----	----	----	----	----	**.40**	10.00	**10.50**	10.00	**10.40**	----
Big Crop Fertilizer, 0-12-5	Baltimore	----	----	----	----	----	----	**.60**	12.00	**12.80**	5.00	**5.20**	----
Big Crop Fertilizer, 0-12-5	Baltimore	----	----	----	----	----	----	**.70**	12.00	**12.70**	5.00	**5.28**	----
Big Crop Fertilizer, 0-12-5	Baltimore	----	----	----	----	----	----	**.50**	12.00	**12.80**	5.00	**5.04**	----
Big Crop Superphosphate, 0-20-0	Baltimore	----	----	----	----	----	----	**.60**	20.00	**20.10**	----	----	----
Big Crop Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.70**	16.00	**16.50**	----	----	----
Big Crop Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.70**	16.00	**16.50**	----	----	----
Muriate of Potash, 0-0-48	Baltimore	----	----	----	----	----	----	----	----	----	48.00	**48.50**	----
†Kainit, 0-0-20	Baltimore	----	----	----	----	----	----	----	----	----	20.00	**20.00**	----
Associated Chemical Co., Baltimore, Md.													
Animal Tankage	Baltimore	6.00	**5.76**	----	----	----	----	----	*4.50	***6.90**	----	----	----
"Associated" Pure Raw Bone	Baltimore	3.70	**4.44**	----	----	----	----	----	*20.00	***23.50**	----	----	----
"Associated" Pure Raw Bone	Baltimore	3.70	**4.00**	----	----	----	----	----	----	----	----	----	----

Big Crop Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	----	----	----	48.00	**48.50**	----	
Muriate of Potash, 0-0-48	Baltimore	----	----	----	----	----	----	----	----	----	20.00	**20.00**	----	
‡Kainit, 0-0-20	Baltimore	----	----	----	----	----	----	----	----	----				
Associated Chemical Co., Baltimore, Md.														
Animal Tankage	Baltimore	6.00	**5.76**	----	----	----	----	----	*4.50	***6.90**	----	----	----	
"Associated" Pure Raw Bone	Baltimore	3.70	**4.44**	----	----	----	----	----	*20.00	***23.50**	----	----	----	
"Associated" Pure Raw Bone	Baltimore	3.70	**4.00**	----	----	----	----	----	*20.00	***21.30**	----	----	----	
Baltimore Fertilizer Co., Baltimore, Md.														
‡Mixed to Order, 2-12-4	Bel Air	2.00	**1.94**	1.40	**1.47**	.60	**.47**	**.40**	12.00	**12.60**	4.00	**4.26**	**30 B**	
Honest 2-9-5	Baltimore	2.00	**2.02**	1.40	**1.57**	.60	**.45**	**1.10**	9.00	**9.00**	5.00	**5.78**	**147 B**	
Honest 2-9-5	Baltimore	2.00	**1.99**	1.40	**1.53**	.60	**.46**	**1.10**	9.00	**9.10**	5.00	**5.44**	**58 B**	
Honest 2-9-5	Glyndon	2.00	**1.99**	1.40	**1.46**	.60	**.53**	**.30**	9.00	**10.70**	5.00	**5.82**	**20 B**	
Honest 0-12-5	Fallston	2.00	**2.27**	1.40	**1.63**	.60	**.64**	**.40**	9.00	**10.30**	5.00	**5.28**	**28 B**	
Honest 0-12-5	Baltimore	----	----	----	----	----	----	**1.20**	12.00	**12.40**	5.00	**5.74**	----	
	Baltimore	----	----	----	----	----	----	**1.40**	12.00	**12.50**	5.00	**5.20**	----	
W. J. Barton and Son, Centreville, Md.														
"MBW" Carolina Special, 1-10-5	Baltimore	1.00	**1.08**	.25	**.35**	.75	**.73**	**1.00**	10.00	**10.20**	5.00	**5.40**	**183 B**	
"MBW" Carolina Special, 1-10-5	Centreville	1.00	**1.04**	.25	**.37**	.75	**.67**	**.80**	10.00	**10.10**	5.00	**5.42**	**200 B**	
"MBW" 0-12-5	Baltimore	1.00	**1.10**	.25	**.38**	.75	**.72**	**.80**	10.00	**9.60**	5.00	**5.40**	**158 B**	
"MBW" 0-11-7	Centreville	----	----	----	----	----	----	**1.00**	12.00	**12.70**	5.00	**5.00**	----	
"MBW" Superphosphate, 0-16-0	Centreville	----	----	----	----	----	----	**.40**	11.00	**11.00**	7.00	**7.92**	----	
		----	----	----	----	----	----	**1.60**	16.00	**16.90**	----	----	----	
Baugh and Sons Co., Baltimore, Md.														
‡Baugh's Activated Raw Bone Meal, with Potash, 6-9-5	Georgetown	6.00	**5.98**	3.00	**3.05**	3.00	**2.93**	**6.30**	9.00	**10.70**	5.00	**5.82**	**32 A**	
Baugh's Three Quarters Century Perfection Brand, 3-12-6	Baltimore	3.00	**3.13**	2.25	**2.32**	.75	**.81**	**2.20**	12.00	**12.10**	6.00	**6.48**	**53 A**	
Baugh's Wheat Fertilizer for Wheat and Grass, 2-12-6	Taneytown	2.00	**2.08**	1.40	**1.26**	.60	**.82**	**.90**	12.00	**12.90**	6.00	**6.40**	**51 B**	
Baugh's Wheat Fertilizer for Wheat and Grass, 2-12-6	Baltimore	2.00	**2.02**	1.40	**1.22**	.60	**.80**	**1.00**	12.00	**12.80**	6.00	**6.29**	**30 B**	
Baugh's Wheat Fertilizer for Wheat and Grass, 2-12-6	Baltimore	2.00	**2.01**	1.40	**1.19**	.60	**.82**	**.90**	12.00	**13.00**	6.00	**6.36**	**13 B**	
Baugh's Wheat Fertilizer for Wheat and Grass, 2-12-6	Cardiff	2.00	**2.08**	1.40	**1.29**	.60	**.79**	**1.00**	12.00	**12.90**	6.00	**6.45**	**2 A**	
Baugh's Wheat Fertilizer for Wheat and Grass, 2-12-6	Baltimore	2.00	**2.05**	1.40	**1.26**	.60	**.79**	**1.00**	12.00	**12.50**	6.00	**6.29**	**59 B**	
Baugh's Double Eagle Phosphate, 2-12-4	Boonsboro	2.00	**2.08**	1.40	**1.21**	.60	**.87**	**1.20**	12.00	**12.60**	6.00	**6.00**	**52 B**	
Baugh's Double Eagle Phosphate, 2 12-4	Baltimore	2.00	**2.12**	1.40	**1.29**	.60	**.83**	**1.50**	12.00	**12.30**	4.00	**4.34**	**42 B**	
Baugh's Double Eagle Phosphate, 2-12-4	Baltimore	2.00	**2.01**	1.40	**1.22**	.60	**.79**	**1.50**	12.00	**12.60**	4.00	**4.12**	**16 B**	
†Baugh's Double Eagle Phosphate, 2-12-4	Cardiff	2.00	**2.04**	1.40	**1.18**	.60	**.86**	**1.70**	12.00	**12.30**	4.00	**4.26**	**79 B**	
Baugh's Double Eagle Phosphate, 2-12-4	Baltimore	2.00	**2.02**	1.40	**1.12**	.60	**.90**	**1.50**	12.00	**12.20**	4.00	**4.30**	**76 B**	
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.06**	1.40	**1.21**	.60	**.85**	**1.40**	12.00	**12.00**	4.00	**4.30**	**4 A**	
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.02**	1.40	**1.47**	.60	**.55**	**.60**	9.00	**9.50**	5.00	**5.25**	**21 B**	
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.01**	1.40	**1.41**	.60	**.60**	**.70**	9.00	**9.70**	5.00	**5.44**	**208 B**	
Baugh's Complete Animal Base Fertilizer, 2-9-5	Detour	2.00	**2.05**	1.40	**1.40**	.60	**.65**	**.60**	9.00	**9.80**	5.00	**5.35**	**170 B**	
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.01**	1.40	**1.46**	.60	**.59**	**.70**	9.00	**9.30**	5.00	**5.28**	**7 B**	
	Baltimore	2.00	**2.01**	1.40	**1.38**	.60	**.63**	**.90**	9.00	**9.40**	5.00	**5.28**	**43 B**	

†Mineral and Organic findings do not substantiate manufacturer's declaration. ‡Not Licensed at time of Sale. *Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Baugh and Sons Co., Baltimore, Md. (Continued)													
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.05**	1.40	**1.38**	.60	**.67**	**1.10**	9.00	**9.80**	5.00	**5.32**	**46 B**
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.05**	1.40	**1.45**	.60	**.60**	**1.20**	9.00	**9.00**	5.00	**5.35**	**23 B**
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.04**	1.40	**1.45**	.60	**.59**	**1.10**	9.00	**9.50**	5.00	**5.39**	**6 B**
Baugh's Complete Animal Base Fertilizer, 2-9-5	Baltimore	2.00	**2.06**	1.40	**1.38**	.60	**.68**	**1.20**	9.00	**9.70**	5.00	**5.35**	**14 B**
Baugh's Complete Animal Base Fertilizer, 2-9-5	Elkton	2.00	**2.05**	1.40	**1.36**	.60	**.69**	**1.10**	9.00	**9.20**	5.00	**5.44**	**56 B**
Baugh's Half and Half Mixture, with Potash, 2-9-5	Baltimore	2.00	**2.32**	0.00	**.20**	2.00	**2.12**	**5.40**	9.00	**11.10**	5.00	**5.12**	**215 B**
Baugh's Half and Half Mixture, with Potash, 2-9-5	Baltimore	2.00	**2.20**	0.00	**.07**	2.00	**2.13**	**6.90**	9.00	**10.10**	5.00	**5.70**	**254 B**
Baugh's Half and Half Mixture, with Potash, 2-9-5	Baltimore	2.00	**2.13**	0.00	**.28**	2.00	**1.85**	**5.20**	9.00	**10.40**	5.00	**6.04**	**157 B**
Baugh's Half and Half Mixture, with Potash, 2-9-5	Baltimore	2.00	**2.39**	0.00	**.17**	2.00	**2.22**	**5.10**	9.00	**10.10**	5.00	**5.40**	**131 B**
Baugh's Commercial Crop Compound, 2-8-10	Baltimore	2.00	**2.05**	1.40	**1.32**	.60	**.73**	**1.20**	8.00	**8.80**	10.00	**10.40**	**183 B**
Baugh's Excelsior Mixture, 1-10-5	Woodbine	1.00	**1.08**	.70	**.46**	.30	**.62**	**1.10**	10.00	**10.00**	5.00	**5.35**	**60 B**
Baugh's Excelsior Mixture, 1-10-5	Baltimore	1.00	**1.08**	.70	**.51**	.30	**.57**	**1.10**	10.00	**10.40**	5.00	**5.32**	**270 B**
Baugh's Excelsior Mixture, 1-10-5	Brunswick	1.00	**1.07**	.70	**.46**	.30	**.61**	**.90**	10.00	**10.60**	5.00	**5.35**	**57 B**
Baugh's Excelsior Mixture, 1-10-5	Baltimore	1.00	**1.08**	.70	**.49**	.30	**.59**	**1.20**	10.00	**10.20**	5.00	**5.40**	**37 B**
Baugh's Phosphate and Potash Mixture, 0-10-10	Baltimore	----	----	----	----	----	----	**1.10**	10.00	**10.60**	10.00	**11.20**	----
Baugh's Phosphate and Potash Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	**1.00**	12.00	**12.60**	5.00	**5.35**	----
Baugh's Phosphate and Potash Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	**.80**	12.00	**12.70**	5.00	**5.04**	----
Baugh's Phosphate and Potash Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	**1.20**	12.00	**12.60**	5.00	**5.62**	----
Muriate of Potash	Baltimore	----	----	----	----	----	----	----	----	----	**48.00**	**49.00**	----
Baughphos, The Ideal Superphos, 0-20-0	Baltimore	----	----	----	----	----	----	**.50**	20.00	**21.20**	----	----	----
Baughphos, The Ideal Superphos, 0-20-0	Baltimore	----	----	----	----	----	----	**.90**	20.00	**20.90**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.10**	16.00	**16.20**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.50**	16.00	**17.30**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.50**	16.00	**17.20**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.00**	16.00	**16.30**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.20**	16.00	**16.80**	----	----	----
Baughphos, The Ideal Superphos, 0-16-0	Baltimore	----	----	----	----	----	----	**1.10**	16.00	**16.70**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.00**	16.00	**17.20**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.90**	16.00	**16.80**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**2.40**	16.00	**16.30**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.30**	16.00	**16.10**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----						
Sulphate of Ammonia, 20.57-0-0	Baltimore	20.57	**20.60**	----	----	----	----	----	----	----	----	----	----
Baugh's Raw Bone Meal, 3.70-21.50P.T.A.-0	Baltimore	3.70	**3.75**	----	----	----	----	----	*21.50	*22.70	----	----	----
Baugh's Pure Steamed Bone Meal, 2.47-23.T.P.A.-0	Baltimore	2.47	**2.72**	----	----	----	----	----	----	----	----	----	----

Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**2.40**	16.00	**16.30**	----	----	----
Baugh's Lime and Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.30**	16.00	**16.10**	----	----	----
Baugh's Lime and Phosphate, 0-16-0													
Sulphate of Ammonia, 20.57-0-0	Baltimore	20.57	**20.60**	----	----	----	----	----	----	----	----	----	----
Baugh's Raw Bone Meal, 3.70-21.50P.T.A.-0	Baltimore	3.70	**3.75**	----	----	----	----	----	*21.50	***22.70**	----	----	----
Baugh's Pure Steamed Bone Meal, 2.47-23.T.P.A.-0	Baltimore	2.47	**2.72**	----	----	----	----	----	*23.00	***27.70**	----	----	----
F. W. Bolgiano and Co., Washington, D. C.													
Gold Tag 2-9-5	----------	2.00	**2.09**	1.50	**1.46**	.50	**.63**	**.40**	9.00	**9.40**	5.00	**5.38**	**184 B**
Gold Tag Superphosphate, 0-16-0	----------	----	----	----	----	----	----	**1.30**	16.00	**16.50**	----	----	----
Gold Tag Raw Bone Meal, 3.70-21.50 T.P.A.-0	----------	3.70	**4.00**	----	----	----	----	----	*21.50	***22.50**	----	----	----
Herbert Bryant, Inc., Alexandria, Va.													
Four-Eight-Five	Silver Spring	4.00	**4.07**	3.00	**3.17**	1.00	**.90**	**.50**	8.00	**8.80**	5.00	**9.24**	**41 B**
Four-Eight-Five	Silver Spring	4.00	**3.89**	3.00	**2.84**	1.00	**1.05**	**.50**	8.00	**8.40**	5.00	**5.40**	**183 A**
Pure Fish Compound, 3-10-5	Washington Grove	3.00	**2.98**	0.00	**.20**	3.00	**2.78**	**1.70**	10.00	**11.40**	5.00	**5.72**	**36 B**
Pure Fish Compound, 3-10-5	Washington Grove	3.00	**3.06**	0.00	**.14**	3.00	**2.92**	**1.90**	10.00	**10.70**	5.00	**5.38**	**33 A**
Golden Grain Grower, 2-12-4	Washington Grove	2.00	**1.99**	1.00	**1.04**	1.00	**.95**	**1.10**	12.00	**13.20**	4.00	**4.72**	**2 A**
‡Genuine Fish and Potash Brand, 2-9-2	Washington Grove	2.00	**2.04**	1.00	**1.02**	1.00	**1.02**	**1.00**	9.00	**9.60**	2.00	**2.40**	**9 B**
‡Belle Haven Ammoniated, 2-8-5	Silver Spring	2.00	**2.09**	1.00	**.98**	1.00	**1.11**	**.50**	8.00	**8.50**	5.00	**6.00**	**31 B**
Belle Haven Ammoniated, 2-8-5	Washington Grove	2.00	**2.13**	1.00	**.98**	1.00	**1.15**	**.60**	8.00	**8.20**	5.00	**6.25**	**3 A**
‡High Grade Fish and Potash Brand, 2-8-3	Washington Grove	2.00	**2.16**	1.00	**1.07**	1.00	**1.09**	**.80**	8.00	**8.60**	3.00	**3.80**	**30 B**
Soluble Phosphate and Potash, 0-12-5	Washington Grove	----	----	----	----	----	----	**.90**	12.00	**12.60**	5.00	**5.74**	----
High Grade Acid Phosphate, 0-16-0	Washington Grove	----	----	----	----	----	----	**.90**	16.00	**16.60**	----	----	----
Pulverized Sheep Manure, 1.85-1 T.P.A -2	Silver Spring	1.85	**1.85**	----	----	----	----	----	*1.00	***1.10**	2.00	**2.32**	----
Central Chemical Co., Inc., Baltimore, Md.													
"Gro-All" Golden Sheaf, 3-12-6	Baltimore	3.00	**2.98**	2.25	**2.29**	.75	**.69**	**1.30**	12.00	**12.50**	6.00	**6.25**	**53 A**
"Gro-All" 2-12-6	Walkersville	2.00	**2.19**	1.50	**1.68**	.50	**.51**	**.60**	12.00	**13.00**	6.00	**7.02**	**55 A**
†"Gro-All" Super-Fish Brand, 2-12-6	Baltimore	2.00	**2.19**	.50	**1.17**	1.50	**1.02**	**.80**	12.00	**12.80**	6.00	**6.23**	**19 B**
†"Gro-All" Super-Fish Brand, 2-12-6	Frederick	2.00	**1.94**	.50	**.70**	1.50	**1.24**	**1.40**	12.00	**12.50**	6.00	**6.21**	**31 B**
"Gro-All" Grain Food, 2-12-4	Baltimore	2.00	**2.15**	1.25	**1.47**	.75	**.68**	**1.60**	12.00	**12.40**	4.00	**4.10**	**32 A**
"Gro-All" Excelsior, 2-9-5	Baltimore	2.00	**2.01**	1.25	**1.41**	.75	**.60**	**1.00**	9.00	**8.90**	5.00	**5.35**	**67 B**
"Gro-All" Imperial, 2-8-10	Baltimore	2.00	**2.02**	1.25	**1.37**	.75	**.65**	**.70**	8.00	**8.50**	10.00	**10.46**	**58 B**
"Gro-All" Crown Jewel, 1-10-5	Baltimore	1.00	**1.15**	.25	**.49**	.75	**.66**	**.70**	10.00	**10.40**	5.00	**5.15**	**189 B**
†"Gro-All" Crown Jewel, 1-10-5	Frederick	1.00	**1.08**	.25	**.70**	.75	**.38**	**1.00**	10.00	**10.20**	5.00	**5.90**	**253 B**
"Gro-All" Potash Special, 0-12-5	Baltimore	----	----	----	----	----	----	**1.30**	12.00	**12.80**	5.00	**5.12**	----
"Gro-All" Potash Special, 0-12-5	Frederick	----	----	----	----	----	----	**2.00**	12.00	**11.70**	5.00	**5.67**	----
"Gro-All" Dissolved Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.40**	12.00	**12.40**	5.00	**5.04**	----
"Gro-All" Dissolved Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.70**	16.00	**16.50**	----	----	----
"Gro-All" Dissolved Phosphate, 0-16-0	Hagerstown	----	----	----	----	----	----	**1.60**	16.00	**16.30**	----	----	----
"Gro-All" Carbo Lime Phosphate, 0-16-0	Frederick	----	----	----	----	----	----	**1.90**	16.00	**16.10**	----	----	----
	Frederick	----	----	----	----	----	----	**1.40**	16.00	**16.30**	----	----	----

‡Not Licensed at time of Sale. †Mineral and Organic findings do not substantiate manufacturer's declaration. *Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Chewsville Cooperative Association, Chewsville, Md.													
Crop Producer, 3-12-6	Chewsville	3.00	**3.16**	2.00	**1.87**	1.00	**1.29**	**1.10**	12.00	**12.90**	6.00	**6.17**	**36 B**
Golden Harvest, 2-9-5	Chewsville	2.00	**2.19**	1.00	**1.21**	1.00	**.98**	**.90**	9.00	**10.20**	5.00	**5.42**	**167 B**
Phosphate and Potash, 0-12-5	Chewsville	----	----	----	----	----	----	**1.50**	12.00	**14.10**	5.00	**5.28**	----
Superphosphate, 0-16-0	Chewsville	----	----	----	----	----	----	**.90**	16.00	**17.40**	----	----	----
Clark and Owings, Ellicott City, Md.													
Mixture "D", 2-9-5	Baltimore	2.00	**2.16**	.80	**1.08**	1.20	**1.08**	**.50**	9.00	**10.10**	5.00	**5.28**	**29 B**
Mixture "D", 2-9-5	Baltimore	2.00	**2.16**	.80	**.93**	1.20	**1.23**	**.70**	9.00	**9.50**	5.00	**5.40**	**23 B**
Devilbiss Bros. New Windsor, Md.													
Butcher House, 2-9-5	New Windsor	2.00	**2.09**	1.60	**1.90**	.40	**.19**	**.90**	9.00	**11.00**	5.00	**5.98**	**20 A**
Wheat Grower, 1-10-5	New Windsor	1.00	**1.14**	.80	**.95**	.20	**.19**	**1.00**	10.00	**11.10**	5.00	**6.75**	**181 B**
Superphosphate, 0-16-0	New Windsor	----	----	----	----	----	----	**1.00**	16.00	**18.60**	----	----	----
Dorchester Fertilizer Co., Cambridge, Md.													
Producer, 2-9-5	Cambridge	2.00	**2.13**	1.90	**1.97**	.10	**.16**	**.40**	9.00	**9.70**	5.00	**5.92**	**123 B**
Favorite, 2-8-10	Cambridge	2.00	**2.11**	1.80	**1.83**	.20	**.28**	**.50**	8.00	**8.70**	10.00	**10.40**	**11 B**
Standard, 0-10-10	Cambridge	----	----	----	----	----	----	**.60**	10.00	**10.80**	10.00	**11.18**	----
Harvest, 0-12-5	Cambridge	----	----	----	----	----	----	**1.80**	12.00	**12.10**	5.00	**5.70**	----
Superphosphate, 0-16-0	Cambridge	----	----	----	----	----	----	**1.10**	16.00	**17.40**	----	----	----
Edelen Bros., Baltimore, Md.													
†Edelen's Wheat and Grain Mixture, 2-9-5	Baltimore	2.00	**1.98**	1.25	**1.52**	.75	**.46**	**1.20**	9.00	**9.00**	5.00	**5.20**	**145 B**
†Edelen's Wheat and Grain Mixture, 2-9-5	Baltimore	2.00	**2.12**	1.25	**1.64**	.75	**.48**	**1.10**	9.00	**9.30**	5.00	**5.40**	**63 B**
Edelen's Wheat and Grain Mixture, 2-9-5	Baltimore	2.00	**1.98**	1.25	**1.29**	.75	**.69**	**1.10**	9.00	**9.10**	5.00	**5.70**	**88 B**
Farmers Cooperative Association, Inc., Frederick, Md.													
Sure Crop, 2-12-6	Frederick	2.00	**2.60**	1.60	**1.77**	.40	**.83**	**1.90**	12.00	**12.20**	6.00	**4.42**	**23 B**
Wheat and Grass Special, 2-9-5	Frederick	2.00	**2.19**	1.40	**1.39**	.60	**.80**	**.50**	9.00	**9.50**	5.00	**6.21**	**218 B**
Rock and Potash Special, 0-12-5	Frederick	----	----	----	----	----	----	**.70**	12.00	**11.70**	5.00	**7.26**	----
Superphosphate, 0-16-0	Frederick	----	----	----	----	----	----	**1.60**	16.00	**17.00**	----	----	----
Farmers Fertilizer and Feed Co., Westminster, Md.													
Superior, 2-12-6	Westminster	2.00	**2.08**	1.40	**1.49**	.60	**.59**	**1.10**	12.00	**12.00**	6.00	**6.45**	**35 A**
Hi-Grade, 2-9-5	Westminster	2.00	**2.08**	1.40	**1.38**	.60	**.70**	**1.00**	9.00	**9.60**	5.00	**5.20**	**48 B**
Farmers Potash Special, 2-8-10	Westminster	2.00	**2.01**	1.40	**1.39**	.60	**.62**	**1.00**	9.00	**9.00**	5.00	**5.20**	**48 B**
Farmers Favorite, 1-10-5	Westminster	1.00	**1.01**	.80	**.80**	.20	**.21**	**1.00**	10.00	**10.00**	5.00	**5.20**	**48 B**

Wheat and Grass Special, 2-9-5	Frederick	2.00	**2.19**	1.40	**1.59**	.60	**.70**	.70	12.00	**11.70**	5.00	**7.26**	----
Rock and Potash Special, 0-12-5	Frederick	----	----	----	----	----	----	**1.60**	16.00	**17.00**	----	----	----
Superphosphate, 0-16-0	Frederick	----	----	----	----	----	----						

Farmers Fertilizer and Feed Co., Westminster, Md.

Superior, 2-12-6	Westminster	2.00	**2.08**	1.40	**1.49**	.60	**.59**	**1.10**	12.00	**12.00**	6.00	**6.45**	**35 A**
Hi-Grade, 2-9-5	Westminster	2.00	**2.08**	1.40	**1.38**	.60	**.70**	**1.00**	9.00	**9.60**	5.00	**5.20**	**48 B**
Farmers Potash Special, 2-8-10	Westminster	2.00	**2.01**	1.40	**1.39**	.60	**.62**	**1.00**	8.00	**8.40**	10.00	**10.40**	**40 B**
Farmers Favorite, 1-10-5	Westminster	1.00	**1.12**	.50	**.58**	.50	**.54**	**1.10**	10.00	**10.60**	5.00	**5.39**	**119 B**
Superphosphate and Potash, 0-12-5	Westminster	----	----	----	----	----	----	**1.20**	12.00	**12.10**	5.00	**5.35**	----
Superphosphate, 0-16-0	Westminster	----	----	----	----	----	----	**1.90**	16.00	**16.10**	----	----	----

Farmers and Planters Co., Salisbury, Md.

Fish Brand, 2-9-5	Pocomoke City	2.00	**2.06**	1.40	**1.40**	.60	**.66**	**.80**	9.00	**9.00**	5.00	**5.78**	**283 B**
Corn Grower, 1-10-5	Salisbury	1.00	**1.12**	.70	**.77**	.30	**.35**	**1.00**	10.00	**11.30**	5.00	**5.82**	**212 B**
Special Potash Mixture, 0-12-5	Salisbury	----	----	----	----	----	----	**1.00**	12.00	**8.20**	5.00	**10.40**	----
F. & P. Acid Phosphate, 0-16-0	Salisbury	----	----	----	----	----	----	**.90**	16.00	**17.50**	----	----	----

Griffith and Boyd Co., Baltimore, Md.

High Grade Economizer, 2-12-6	Baltimore	2.00	**2.04**	1.40	**1.29**	.60	**.75**	**.50**	12.00	**12.40**	6.00	**6.17**	**67 A**
High Grade Economizer, 2-12-6	Baltimore	2.00	**2.15**	1.40	**1.32**	.60	**.83**	**.90**	12.00	**12.30**	6.00	**6.33**	**32 A**
Reliable Crop Grower, 2-12-4	Baltimore	2.00	**2.18**	1.40	**1.47**	.60	**.71**	**.90**	12.00	**12.10**	4.00	**4.26**	**93 A**
Special Guano, 2-9-5	Baltimore	2.00	**2.12**	1.40	**1.38**	.60	**.74**	**.30**	9.00	**8.80**	5.00	**5.17**	**65 A**
Special Guano, 2-9-5	Baltimore	2.00	**2.05**	1.40	**1.40**	.60	**.65**	**.30**	9.00	**9.30**	5.00	**5.20**	**38 B**
Special Guano, 2-9-5	Baltimore	2.00	**1.99**	1.40	**1.26**	.60	**.73**	**.40**	9.00	**9.00**	5.00	**5.39**	**112 A**
Special Guano, 2-9-5	Baltimore	2.00	**2.12**	1.40	**1.40**	.60	**.72**	**.60**	9.00	**9.10**	5.00	**5.42**	**123 A**
Special Guano, 2-9-5	Baltimore	2.00	**2.05**	1.40	**1.26**	.60	**.79**	**.50**	9.00	**9.00**	5.00	**5.12**	**57 A**
Peerless Fertilizer, 1-10-5	Baltimore	2.00	**2.02**	1.40	**1.32**	.60	**.70**	**.30**	9.00	**9.10**	5.00	**5.28**	**71 A**
Peerless Fertilizer, 1-10-5	Baltimore	1.00	**1.05**	.20	**.31**	.80	**.74**	**.50**	10.00	**10.00**	5.00	**5.35**	**109 B**
High Grade Acid Phosphate, 0-16-0	Baltimore	1.00	**1.12**	.20	**.18**	.80	**.94**	**.70**	10.00	**10.70**	5.00	**5.12**	**40 B**
High Grade Acid Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.90**	16.00	**17.40**	----	----	----
High Grade Acid Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.10**	16.00	**16.60**	----	----	----
Pure Fine Ground Bone Meal, 3.70-20 T.P.A.-0	Baltimore	3.70	**3.93**	----	----	----	----	**1.30**	16.00	**17.10**	----	----	----
								----	*20.00	***23.10**	----	----	----

Griffith and Turner Co., Baltimore, Md.

G. & T. Co's. Grass Fertilizer, 9-5-2	Baltimore	9.00	**8.75**	7.20	**7.21**	1.80	**1.54**	**.40**	5.00	**5.30**	2.00	**2.40**	**743 A**
G. & T. Co's. Soft Ground Bone, 3-14 T.P.A.-0	Baltimore	3.00	**3.02**	----	----	----	----	----	*14.00	***16.10**	----	----	----

Hampstead Fertilizer Co., Hampstead, Md.

Hampstead's 2-9-5	Hampstead	2.00	**1.81**	1.40	**1.26**	.60	**.55**	**.30**	9.00	**10.20**	5.00	**5.40**	**206 B**
Hampstead's 2-8-10	Hampstead	2.00	**2.01**	1.50	**1.47**	.50	**.54**	**.30**	8.00	**9.00**	10.00	**10.40**	**29 B**
Hampstead's 2-9-5	Hampstead	2.00	**2.04**	1.40	**1.60**	.60	**.44**	**.50**	9.00	**9.30**	5.00	**5.44**	**4 A**
Hampstead's 1-10-5	Hampstead	1.00	**1.24**	.50	**.79**	.50	**.45**	**.40**	10.00	**10.70**	5.00	**5.94**	**145 B**
Hampstead's Superphosphate, 0-16-0	Hampstead	----	----	----	----	----	----	**.90**	16.00	**16.50**	----	----	----

†Mineral and Organic findings do not substantiate manufacturer's declaration.

*Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Horsey, Roe and Co., Greensboro, Md.													
"Sure Gro" Fertilizer, 2-9-5	Greensboro	2.00	**1.92**	1.40	**1.26**	.60	**.66**	**.80**	9.00	**9.20**	5.00	**6.29**	169 B
0-10-10 Fertilizer	Greensboro	----	----	----	----	----	----	**.80**	10.00	**10.40**	10.00	**10.86**	----
0-12-5	Greensboro	----	----	----	----	----	----	**.80**	12.00	**12.10**	5.00	**5.94**	----
‡Superphosphate, 0-16-0	Greensboro	----	----	----	----	----	----	**1.00**	16.00	**16.50**	----	----	----
Hubbard Fertilizer Co., Baltimore, Md.													
Hubbard's Money Maker, 2-9-5	Baltimore	2.00	**2.13**	1.50	**1.70**	.50	**.43**	**1.10**	9.00	**9.10**	5.00	**5.46**	63 B
Huston, Culver and Co., Seaford, Del.													
Crop Grower, 2-9-5		2.00	**2.89**	1.50	**2.11**	.50	**.78**	**.40**	9.00	**9.00**	5.00	**6.29**	116 B
Crop Grower, 2-9-5	Federalsburg	2.00	**2.58**	1.50	**1.88**	.50	**.70**	**.40**	9.00	**8.60**	5.00	**6.00**	74 B
Huston's Special, 1-10-5		1.00	**2.01**	.50	**1.40**	.50	**.61**	**.40**	10.00	**9.20**	5.00	**5.00**	177 B
Wheat Special, 0-10-10		----	----	----	----	----	----	**.40**	10.00	**12.70**	10.00	**10.08**	----
Double Potash Mixture, 0-12-5		----	----	----	----	----	----	**.60**	12.00	**12.00**	5.00	**6.40**	----
Double Potash Mixture, 0-12-5	Federalsburg	----	----	----	----	----	----	**.40**	12.00	**11.70**	5.00	**6.75**	----
Maryland Milling and Supply Co., Sykesville, Md.													
1935 Crop Mixture, 2-12-4	Sykesville	2.00	**2.13**	1.75	**1.80**	.25	**.33**	**.60**	12.00	**12.30**	4.00	**4.04**	127 B
Newman's Favorite, 2-9-5	Sykesville	2.00	**1.98**	1.50	**1.60**	.50	**.38**	**.60**	9.00	**9.80**	5.00	**5.82**	162 B
Dietrich's Favorite, 1-10-5	Sykesville	1.00	**1.17**	.75	**.90**	.25	**.27**	**.60**	10.00	**11.00**	5.00	**5.42**	151 B
Phosphate and Potash, 0-12-5	Sykesville	----	----	----	----	----	----	**.40**	12.00	**12.90**	5.00	**5.24**	----
High Grade Superphosphate	Sykesville	----	----	----	----	----	----	**.20**	16.00	**17.00**	----	----	----
Massey and Wilmer, Chestertown, Md.													
2-12-4	Chestertown	2.00	**1.83**	1.00	**.91**	1.00	**.92**	**.70**	12.00	**13.90**	4.00	**4.19**	105 B
Trustworthy, 2-9-5	Chestertown	2.00	**1.90**	1.00	**1.03**	1.00	**.87**	**.60**	9.00	**10.70**	5.00	**5.20**	105 B
Propagator, 2-8-10	Chestertown	2.00	**1.90**	1.00	**.98**	1.00	**.92**	**.40**	8.00	**8.60**	10.00	**11.80**	111 B
Crop Producer, 1-10-5	Chestertown	1.00	**1.17**	.80	**1.07**	.20	**.10**	**.40**	10.00	**10.10**	5.00	**5.12**	187 B
0-12-5	Chestertown	----	----	----	----	----	----	**.70**	12.00	**13.00**	5.00	**5.04**	----
Superphosphate, 0-16-0	Chestertown	----	----	----	----	----	----	**.40**	16.00	**19.20**	----	----	----
Medford Fertilizer Works, Medford, Md.													
2-9-5													
1-10-5	Medford	2.00	**2.09**	1.50	**1.60**	.50	**.49**	**.40**	9.00	**9.00**	5.00	**5.90**	6 A
0-12-5	Medford	1.00	**.91**	.75	**.62**	.25	**.29**						

Crop Producer, 1-10-5	Chestertown	----	----	----	----	----	----	.70	12.00	13.00	5.00	5.64	----	
0-12-5	Chestertown	----	----	----	----	----	----	.40	16.00	19.20	----	----	----	
Superphosphate, 0-16-0														
Medford Fertilizer Works, Medford, Md.														
2-9-5	Medford	2.00	2.09	1.50	1.60	.50	.49	.40	9.00	9.00	5.00	5.90	6	A
1-10-5	Medford	1.00	.91	.75	.62	.25	.29	.20	10.00	11.20	5.00	6.29	38	A
0-12-5	Medford	----	----	----	----	----	----	.90	12.00	11.90	5.00	5.32	----	
Frederick Mehring Fertilizer Works, Inc., Keymar, Md.														
Mehring's Indian Chief, 2-12-6	Keymar	2.00	2.05	1.60	1.61	.40	.44	1.50	12.00	12.10	6.00	6.74	35	A
Mehring's Mammouth Truck Grower, 2-9-5	Baltimore	2.00	1.98	1.60	1.57	.40	.41	.80	9.00	9.50	5.00	5.32	80	B
Mehring's Mammouth Truck Grower, 2-9-5	Woodsboro	2.00	1.94	1.60	1.54	.40	.40	.80	9.00	9.50	5.00	5.20	68	B
Mehring's Big 4, 1-10-5	Taneytown	1.00	1.05	.60	.66	.40	.39	1.00	10.00	10.50	5.00	5.59	125	B
Mehring's Potash Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	1.60	12.00	12.40	5.00	6.02	----	
Mehring's Potash Mixture, 0-12-5	Taneytown	----	----	----	----	----	----	1.60	12.00	12.30	5.00	5.35	----	
Mehring's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	1.70	16.00	14.90	----	----	----	
Mehring's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	1.30	16.00	16.60	----	----	----	
Meyer Seed Co., Baltimore, Md.														
Pure Bone Meal, 2.47-23 T.P.A.-0	Baltimore	2.47	2.60	----	----	----	----	----	*23.00	*26.20	----	----	----	
Pure Bone Meal, 2.47-23 T.P.A.-0	Baltimore	2.47	2.89	----	----	----	----	----	*23.00	*25.10	----	----	----	
Miller Fertilizer Co., Baltimore, Md.														
‡Miller's 2-12-6 Fertilizer	Baltimore	2.00	2.05	1.50	1.73	.50	.32	.80	12.00	12.80	6.00	7.29	36	A
Miller's 2-12-6 Fertilizer	Denton	2.00	2.02	1.50	1.56	.50	.46	1.30	12.00	12.80	6.00	6.79	49	A
Miller's 2-12-6 Fertilizer	Linwood	2.00	1.99	1.50	1.47	.50	.52	1.20	12.00	12.90	6.00	6.83	15	B
Miller's 2-12-4 Fertilizer	Baltimore	2.00	2.16	1.50	1.54	.50	.62	1.70	12.00	12.10	6.00	6.44	119	B
Miller's 2-12-4 Fertilizer	Laurel	2.00	2.11	1.50	1.63	.50	.48	1.10	12.00	12.80	4.00	4.36	14	B
Miller's 2-9-5 Fertilizer	Baltimore	2.00	2.02	1.50	1.32	.50	.70	2.10	12.00	11.60	4.00	4.22	99	B
Miller's 2-9-5 Fertilizer	Fowblesburg	2.00	1.99	1.50	1.52	.50	.47	.60	9.00	9.00	5.00	5.40	142	B
Miller's 2-9-5 Fertilizer	Baltimore	2.00	2.02	1.50	1.57	.50	.45	1.00	9.00	9.40	5.00	5.78	140	B
Miller's 2-9-5 Fertilizer	Laurel	2.00	2.01	1.50	1.60	.50	.41	1.00	9.00	9.20	5.00	5.80	90	B
Miller's 2-8-10 Fertilizer	Baltimore	2.00	1.99	1.50	1.46	.50	.53	.90	9.00	9.10	5.00	5.08	14	B
Miller's 1-10-5 Fertilizer	Linwood	1.00	1.98	1.50	1.54	.50	.44	.60	8.00	8.40	10.00	10.86	22	B
Miller's 1-10-5 Fertilizer	Baltimore	1.00	1.12	.50	.51	.50	.61	.70	10.00	10.20	5.00	5.55	100	B
Miller's 0-10-10 Fertilizer	Baltimore	----	1.12	.50	.49	.50	.63	.70	10.00	9.90	5.00	5.35	130	B
Miller's 0-10-10 Fertilizer	Baltimore	----	----	----	----	----	----	1.20	10.00	10.70	10.00	10.30	----	
Miller's 0-10-10 Fertilizer	Baltimore	----	----	----	----	----	----	.50	10.00	10.80	10.00	10.00	----	
Miller's 0-12-5 Fertilizer	Baltimore	----	----	----	----	----	----	.60	10.00	11.40	10.00	10.08	----	
Miller's 0-12-5 Fertilizer	Baltimore	----	----	----	----	----	----	1.40	12.00	12.30	5.00	5.28	----	
Miller's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	1.30	12.00	12.30	5.00	5.24	----	
Miller's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	1.60	16.00	16.40	----	----	----	
		----	----	----	----	----	----	1.50	16.00	15.80	----	----	----	

‡Not Licensed at time of Sale. *Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Natural Guano Co., Aurora, Ill.													
‡Sheep's Head Pulverized Sheep Manure, 2-1 T.P.A.-2	Hyattsville	2.00	**2.22**	----	----	----	----	----	*1.00	***1.70**	2.00	**2.34**	----
G. Ober and Sons Co., Baltimore, Md.													
Ober's 2-12-4 Fertilizer	Baltimore	2.00	**2.01**	1.60	**1.59**	.40	**.42**	**1.40**	12.00	**12.00**	4.00	**4.12**	**108** B
Ober's 2-9-5 Fertilizer	Baltimore	2.00	**2.05**	1.60	**1.70**	.40	**.35**	**1.00**	9.00	**9.00**	5.00	**5.14**	**89** B
Ober's 2-9-5 Fertilizer	Baltimore	2.00	**2.30**	1.60	**1.71**	.40	**.59**	**.90**	9.00	**9.30**	5.00	**5.04**	**128** B
Ober's 2-9-5 Fertilizer	Baltimore	2.00	**2.05**	1.60	**1.60**	.40	**.45**	**1.20**	9.00	**9.30**	5.00	**5.55**	**63** B
Ober's 2-9-5 Fertilizer	Fallston	2.00	**2.08**	1.60	**1.57**	.40	**.51**	1.30	9.00	**9.30**	5.00	**5.20**	**69** B
Ober's 1-10-5 Fertilizer	Baltimore	1.00	**1.02**	.70	**.70**	.30	**.32**	**.80**	10.00	**10.10**	5.00	**5.25**	**151** B
Ober's 0-12-5 Fertilizer	Baltimore	----	----	----	----	----	----	**1.60**	12.00	**11.20**	5.00	**5.31**	----
Ober's 0-12-5 Fertilizer	Baltimore	----	----	----	----	----	----	**1.70**	12.00	**11.80**	5.00	**5.42**	----
Ober's 0-12-5 Fertilizer	Owings Mills	----	----	----	----	----	----	**1.00**	12.00	**12.40**	5.00	**5.38**	----
Ober's Superphosphate, 0-20-0	Baltimore	----	----	----	----	----	----	**1.30**	20.00	**20.10**	----	----	----
Ober's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.70**	16.00	**15.60**	----	----	----
Ober's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.90**	16.00	**15.00**	----	----	----
Ober's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.80**	16.00	**16.10**	----	----	----
Ober's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**2.10**	16.00	**16.30**	----	----	----
Refined Bone Meal, 2.47-22 T.P.A.-0	Owings Mills	2.47	**3.13**	----	----	----	----	----	*22.00	***26.10**	----	----	----
Pacific Manure and Fertilizer Co., San Francisco, Calif.													
Groz-It Pulverized Sheep Manure, 1.25-1 T.P.A.-2	Baltimore	1.25	**1.36**	----	----	----	----	----	*1.00	***1.00**	2.00	**2.64**	----
Peerless Fertilizer Co., Chestertown, Md.													
†2-12-6 Fertilizer	Chestertown	2.00	**1.99**	1.75	**1.36**	.25	**.63**	**.30**	12.00	**12.10**	6.00	**6.40**	**80** A
Peerless 2-9-5	Chestertown	2.00	**1.99**	1.75	**1.60**	.25	**.39**	**.20**	9.00	**9.80**	5.00	**5.16**	**87** A
Imperial Compound, 1-10-5	Chestertown	1.00	**1.05**	.85	**.79**	.15	**.26**	**.40**	10.00	**10.10**	5.00	**5.35**	**72** B
0-10-10 Fertilizer	Chestertown	----	----	----	----	----	----	**.60**	10.00	**10.90**	10.00	**10.86**	----
0-12-5 Fertilizer	Chestertown	----	----	----	----	----	----	**.70**	12.00	**12.70**	5.00	**5.00**	----
Superphosphate, 0-16-0	Chestertown	----	----	----	----	----	----	**1.40**	16.00	**16.30**	----	----	----
Potomac Poultry Food Co., Inc., Baltimore, Md.													
4% Potash Potolime, Baked Oyster Shell Lime, 0-0-4	Crisfield	** 41.00	** **43.00**	----	----	----	----	----	----	----	4.00	**3.20**	----
Pulverized Manure Co., Chicago, Ill.													

Superphosphate, 0-16-0	Chesterto													
Potomac Poultry Food Co., Inc., Baltimore, Md.														
4% Potash Potolime, Baked Oyster Shell Lime, 0-0-4	Crisfield	**41.00	**43.00	----	----	----	----	----	----	----	4.00	**3.20**	----	
Pulverized Manure Co., Chicago, Ill.														
Wizard Brand Pulverized Sheep Manure, 2-1 T.P.A.-2	Baltimore	2.00	**1.85**	----	----	----	----	----	*1.00	***1.60**	2.00	**2.57**	----	
Wizard Brand Cow Manure, 2-1 T.P.A.-1	Baltimore	2.00	**1.77**	----	----	----	----	----	*1.00	***1.50**	1.00	**1.78**	----	
Ramsburg Fertilizer Co., Frederick, Md.														
Royal Crop Grower, 2-12-6	Frederick	2.00	**1.94**	1.20	**1.12**	.80	**.82**	**1.00**	12.00	**13.10**	6.00	**6.91**	**197**	A
Excelsior Plant Food, 2-12-4	Frederick	2.00	**2.16**	1.20	**1.45**	.80	**.71**	**.60**	12.00	**12.70**	4.00	**5.04**	**36**	B
Old Virginia Compound, 2-9-5	Frederick	2.00	**1.99**	1.20	**1.18**	.80	**.81**	**1.10**	9.00	**10.30**	5.00	**6.21**	**338**	B
Ammoniated Phosphate, 1-10-5	Frederick	1.00	**1.15**	.50	**.42**	.50	**.73**	**.80**	10.00	**11.90**	5.00	**5.04**	**326**	B
Special Rock and Potash, 0-12-5	Frederick	----	----	----	----	----	----	**3.60**	12.00	**12.30**	5.00	**5.98**	----	
Reindollar Co., Taneytown, Md.														
Grain Grower, 2-12-6	Taneytown	2.00	**2.33**	1.25	**1.16**	.75	**1.17**	**.50**	12.00	**13.60**	6.00	**6.36**	**73**	B
†Crop Grower, 2-9-5	Taneytown	2.00	**1.91**	1.50	**1.21**	.50	**.70**	**.60**	9.00	**9.60**	5.00	**5.45**	**75**	B
Rock and Potash, 0-12-5	Taneytown	----	----	----	----	----	----	**.80**	12.00	**12.40**	5.00	**5.12**	----	
Superphosphate, 0-16-0	Taneytown	----	----	----	----	----	----	**.20**	16.00	**16.20**	----	----	----	
F. S. Royster Guano Co., Baltimore, Md.														
†Royster's Favorite Guano, 3-8-10	Baltimore	3.00	**3.09**	2.40	**1.78**	.60	**1.31**	**.60**	8.00	**8.80**	10.00	**10.40**	**53**	B
Royster's Gem Guano, 2-12-4	Baltimore	2.00	**2.05**	1.60	**1.50**	.40	**.55**	**.90**	12.00	**12.50**	4.00	**4.12**	**92**	B
Royster's Big Bully Guano, 2-9-5	Baltimore	2.00	**2.05**	1.60	**1.45**	.40	**.60**	**.60**	9.00	**9.20**	5.00	**5.15**	**40**	B
Royster's Big Bully Guano, 2-9-5	Baltimore	2.00	**2.09**	1.60	**1.40**	.40	**.69**	**.80**	9.00	**9.80**	5.00	**5.20**	**42**	B
Royster's Big Bully Guano, 2-9-5	Baltimore	2.00	**2.11**	1.60	**1.36**	.40	**.75**	**.70**	9.00	**9.50**	5.00	**5.32**	**125**	B
Royster's Big Bully Guano, 2-9-5	Baltimore	2.00	**2.08**	1.60	**1.35**	.40	**.73**	**.60**	9.00	**9.70**	5.00	**5.38**	**99**	B
Royster's Big Bully Guano, 2-9-5	Baltimore	2.00	**2.13**	1.60	**1.43**	.40	**.70**	**.60**	9.00	**9.40**	5.00	**5.74**	**67**	B
Royster's Banner Guano, 2-8-10	Baltimore	2.00	**2.01**	1.60	**1.35**	.40	**.66**	**.80**	9.00	**9.60**	5.00	**5.40**	**55**	B
Royster's Banner Guano, 2-8-10	Baltimore	2.00	**2.05**	1.60	**1.32**	.40	**.73**	**.30**	8.00	**8.50**	10.00	**10.40**	**69**	B
Royster's Surety Guano, 1-10-5	Baltimore	1.00	**1.07**	.80	**.76**	.20	**.31**	**.40**	8.00	**8.50**	10.00	**11.02**	**87**	B
†Royster's Surety Guano, 1-10-5	Baltimore	1.00	**1.00**	.80	**.51**	.20	**.49**	**.50**	10.00	**10.80**	5.00	**5.35**	**178**	B
Royster's Surety Guano, 1-10-5	Baltimore	1.00	**1.18**	.80	**.80**	.20	**.38**	**.70**	10.00	**10.50**	5.00	**5.44**	**104**	B
Royster's Phosphate and Potash, 0-10-10	Baltimore	----	----	----	----	----	----	**.70**	10.00	**10.90**	5.00	**5.40**	**78**	B
Royster's Phosphate and Potash, 0-10-10	Denton	----	----	----	----	----	----	**.40**	10.00	**10.50**	10.00	**10.28**	----	
Royster's Phosphate and Potash, 0-10-10	Baltimore	----	----	----	----	----	----	**.60**	10.00	**10.20**	10.00	**11.80**	----	
Royster's Phosphate and Potash, 0-12-5	Baltimore	----	----	----	----	----	----	**.40**	10.00	**10.30**	10.00	**10.44**	----	
Royster's Phosphate and Potash, 0-12-5	Baltimore	----	----	----	----	----	----	**.40**	12.00	**12.40**	5.00	**5.22**	----	
Royster's Phosphate and Potash, 0-12-5	Baltimore	----	----	----	----	----	----	**.60**	12.00	**12.30**	5.00	**5.28**	----	
Royster's Phosphate and Potash, 0-12-5	Baltimore	----	----	----	----	----	----	**.80**	12.00	**12.00**	5.00	**5.32**	----	
Royster's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.60**	12.00	**12.40**	5.00	**5.28**	----	
								1.20	16.00	**16.20**	----	----	----	

‡Not Licensed at time of Sale. †Mineral and Organic findings do not substantiate manufacturer's declaration. *Total Phosphoric Acid. **Calcium Oxide.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
F. S. Royster Guano Co., Baltimore, Md. (Continued)													
Royster's Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.70**	16.00	**16.60**	----	----	----
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.													
Esskay Plant Food, 5-9-4	Baltimore	5.00	**6.04**	0.00	**.04**	5.00	**6.00**	**4.80**	9.00	**10.30**	4.00	**4.40**	**179 B**
R. H. Slingluff Fertilizer Co., Baltimore, Md.													
Slingluff's 4-12-4	Baltimore	4.00	**4.02**	3.25	**3.05**	.75	**.97**	**1.50**	12.00	**12.60**	4.00	**4.19**	**132 A**
‡Slingluff's Grain and Grass, 2-12-4	Baltimore	2.00	**2.08**	1.25	**1.57**	.75	**.51**	**1.60**	12.00	**12.50**	4.00	**4.40**	**31 B**
Slingluff's Grain and Grass, 2-12-4	Baltimore	2.00	**2.36**	1.25	**1.70**	.75	**.66**	**1.60**	12.00	**12.30**	4.00	**4.19**	**21 B**
Slingluff's Champion Phos., 2-9-5	Baltimore	2.00	**2.11**	1.25	**1.52**	.75	**.59**	**.50**	9.00	**9.90**	5.00	**5.43**	**105 B**
Slingluff's Champion Phos., 2-9-5	Baltimore	2.00	**2.01**	1.25	**1.54**	.75	**.47**	**1.00**	9.00	**9.00**	5.00	**5.98**	**120 B**
‡Slingluff's Harvest Queen, 1-10-5	Baltimore	1.00	**1.20**	.50	**.65**	.50	**.55**	**.80**	10.00	**10.90**	5.00	**5.35**	**104 B**
Slingluff's Acid Phosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**1.40**	16.00	**16.00**	----	----	----
Southern States Cooperative, Inc., Richmond, Va.													
Southern States 2-12-4 Standard Fertilizer	Bel Air	2.00	**2.05**	1.50	**1.39**	.50	**.66**	**1.70**	12.00	**12.60**	4.00	**4.19**	**219 B**
Southern States 2-9-5 Standard Fertilizer	Denton	2.00	**2.11**	1.50	**1.52**	.50	**.59**	**1.10**	9.00	**9.40**	5.00	**5.67**	**414 B**
Southern States 2-9-5 Standard Fertilizer	Middleburg	2.00	**2.04**	1.50	**1.36**	.50	**.68**	**1.30**	9.00	**9.30**	5.00	**5.04**	**340 B**
Southern States 2-9-5 Standard Fertilizer	Bel Air	2.00	**2.11**	1.50	**1.52**	.50	**.59**	**1.30**	9.00	**9.20**	5.00	**5.12**	**88 B**
Southern States Quality, 2-8-10	Salisbury	2.00	**2.13**	1.60	**1.42**	.50	**.71**	**.20**	8.00	**9.70**	10.00	**10.08**	**378 B**
Southern States Quality, 0-10-10	Salisbury	----	----	----	----	----	----	**.40**	10.00	**11.40**	10.00	**10.64**	----
Southern States 0-12-5 Fertilizer	Denton	----	----	----	----	----	----	**1.70**	12.00	**12.60**	5.00	**5.16**	----
Southern States Quality Muriate of Potash	Denton	----	----	----	----	----	----	----	----	----	48.00	**46.60**	----
‡Southern States Quality Superphosphate Special Granular, 0-20-0	Denton	----	----	----	----	----	----	**1.00**	20.00	**20.40**	----	----	----
Southern States Coop. Special Superphosphate, 0-16-0	Denton	----	----	----	----	----	----	**1.50**	16.00	**19.40**	----	----	----
‡Southern States Quality Tankage, 8-0-0	Denton	8.00	**7.16**	----	----	----	----	----	----	----	----	----	----
Standard Wholesale Phosphate and Acid Works, Inc., Baltimore, Md.													
Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**2.01**	1.60	**1.54**	.40	**.47**	**.80**	12.00	**12.50**	6.00	**6.33**	**5 A**
Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**2.18**	1.60	**1.66**	.40	**.52**	**.80**	12.00	**12.10**	6.00	**7.26**	**81 A**
Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**1.94**	1.60	**1.40**	.40	**.54**	**.80**	12.00	**12.60**	6.00	**6.29**	**12 A**
Pinkerton Bell Brand, 2-12-6	Baltimore	2.00	**2.15**	1.60	**1.66**	.40	**.49**	**.90**	12.00	**12.20**	6.00	**6.20**	**72 A**

Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**2.01**	1.60	**1.54**	.40	.47	.80	12.00	**12.50**	6.00	6.50	81 A
Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**2.18**	1.60	**1.66**	.40	.52	.80	12.00	**12.10**	6.00	**7.26**	81 A
Standard U. S. Prosperity Brand, 2-12-6	Baltimore	2.00	**1.94**	1.60	**1.40**	.40	.54	.80	12.00	**12.60**	6.00	**6.29**	12 A
Pinkerton Bell Brand, 2-12-6	Baltimore	2.00	**2.15**	1.60	**1.66**	.40	.49	.90	12.00	**12.20**	6.00	**6.29**	72 A
Pinkerton Bell Brand, 2-12-6	Baltimore	2.00	**2.08**	1.60	**1.52**	.40	.56	.90	12.00	**12.50**	6.00	**6.40**	19 A
‡Pinkerton Bell Brand, 2-12-6	Street	2.00	**2.04**	1.60	**1.54**	.40	.50	.90	12.00	**12.20**	6.00	**6.13**	48 A
Standard U. S. 2-12-4	Baltimore	2.00	**2.09**	1.60	**1.59**	.40	.50	.90	12.00	**12.50**	4.00	**4.12**	60 A
Standard U. S. 2-12-4	Baltimore	2.00	**2.27**	1.60	**1.66**	.40	.61	**1.50**	12.00	**12.30**	4.00	**4.26**	33 A
Standard U. S. 2-12-4	Reisterstown	2.00	**2.33**	----	----	----	----	**1.40**	12.00	**12.50**	4.00	**4.19**	----
Pinkerton Bell Brand, 2-12-4	Jessups	2.00	**2.11**	----	----	----	----	**1.60**	12.00	**12.00**	4.00	**4.23**	----
Standard U. S. 2-9-5	Baltimore	2.00	**2.05**	1.60	**1.61**	.40	.44	.80	12.00	**12.70**	4.00	**4.08**	96 A
Pinkerton Bell Brand, 2-9-5	Baltimore	2.00	**2.06**	1.60	**1.54**	.40	.52	.60	9.00	**10.00**	5.00	**6.13**	11 A
Standard U. S.	Baltimore	2.00	**2.12**	1.60	**1.61**	.40	.51	.50	9.00	**10.20**	5.00	**6.13**	70 A
Pinkerton Bell Brand, 2-8-10	Baltimore	2.00	**2.05**	1.60	**1.68**	.40	.37	.60	8.00	**8.10**	10.00	**10.00**	40 B
Standard U. S. 2-8-10	Baltimore	2.00	**2.11**	1.60	**1.68**	.40	.43	.60	8.00	**9.00**	10.00	**10.04**	82 A
Standard U. S. 1-10-5	Baltimore	2.00	**2.13**	1.60	**1.54**	.40	.59	.90	8.00	**8.10**	10.00	**10.08**	11 A
Pinkerton Bell Brand, 1-10-5	Baltimore	1.00	**1.19**	.80	**.81**	.20	.38	.60	10.00	**10.20**	5.00	**5.38**	21 B
Standard U. S. 0-12-5	Baltimore	1.00	**1.15**	.80	**.83**	.20	.32	.50	10.00	**10.00**	5.00	**5.08**	45 B
Pinkerton Bell Brand, 0-12-5	Baltimore	----	----	----	----	----	----	.60	12.00	**12.70**	5.00	**5.20**	----
Pinkerton Bell Brand, 0-12-5	Baltimore	----	----	----	----	----	----	.50	12.00	**12.20**	5.00	**5.43**	----
Pinkerton Bell Brand, 0-12-5	Baltimore	----	----	----	----	----	----	.60	12.00	**13.00**	5.00	**5.12**	----
Standard U. S. Superphosphate, 0-20-0	Baltimore	----	----	----	----	----	----	.50	12.00	**12.90**	5.00	**5.40**	----
Standard U. S. Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	.60	20.00	**20.60**	----	----	----
Standard U. S. Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	.80	16.00	**16.60**	----	----	----
Standard U. S. Superphosphate, 0-16-0	Breathedsville	----	----	----	----	----	----	.70	16.00	**16.40**	----	----	----
Pinkerton Bell Brand Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	.70	16.00	**16.40**	----	----	----
Pinkerton Bell Brand Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	.80	16.00	**17.60**	----	----	----
Standard U. S. Muriate of Potash	Breathedsville	----	----	----	----	----	----	.90	16.00	**16.20**	----	----	----
Standard U. S. Kainit	Denton	----	----	----	----	----	----	----	----	----	48.00	**51.10**	----
Standard U. S. Sulphate of Ammonia	Breathedsville	20.56	**20.58**	----	----	----	----	----	----	----	20.00	**22.80**	----
Swift and Co. Fertilizer Works, Baltimore, Md.													
Swift's Red Steer, 3-12-6	Baltimore	3.00	**2.78**	2.57	**2.33**	.43	.45	**1.40**	12.00	**13.10**	6.00	**6.13**	11 B
Swift's Red Steer, 3-12-6	Baltimore	3.00	**3.00**	2.57	**2.60**	.43	.40	**1.30**	12.00	**12.00**	6.00	**6.51**	26 B
Swift's Red Steer, 2-12-6	Hagerstown	2.00	**2.26**	1.57	**1.77**	.43	.49	**1.30**	12.00	**12.50**	6.00	**6.42**	52 B
Swift's Red Steer, 2-12-4	Baltimore	2.00	**2.01**	1.57	**1.67**	.43	.34	.70	12.00	**12.20**	4.00	**4.04**	28 B
Swift's Red Steer, 2-12-4	Baltimore	2.00	**2.00**	1.57	**1.52**	.43	.48	**1.20**	12.00	**12.90**	4.00	**4.15**	55 B
Swift's Red Steer, 2-12-4	Hagerstown	2.00	**2.19**	1.57	**1.59**	.43	.60	.60	12.00	**12.40**	4.00	**4.19**	155 B
Swift's Red Steer, 2-9-5	Baltimore	2.00	**2.13**	1.59	**1.61**	.41	.52	.60	9.00	**9.40**	5.00	**5.42**	67 B
Swift's Red Steer, 2-9-5	Reisterstown	2.00	**2.20**	1.59	**1.66**	.41	.54	.60	9.00	**9.80**	5.00	**5.42**	64 B
Swift's Red Steer, 2-9-5	Baltimore	2.00	**2.22**	1.59	**1.59**	.41	.63	.90	9.00	**9.60**	5.00	**5.00**	96 B
Swift's Red Steer, 2-9-5	Baltimore	2.00	**2.32**	1.59	**1.60**	.41	.72	.80	9.00	**9.60**	5.00	**5.32**	44 B
Swift's Red Steer, 2-9-5	Baltimore	2.00	**2.20**	1.59	**1.49**	.41	.71	.90	9.00	**9.40**	5.00	**5.35**	76 B

‡Not Licensed at time of Sale.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Swift and Co. Fertilizer Works, Baltimore, Md. (Continued)													
Swift's Red Steer, 0-12-5	Baltimore	----	----	----	----	----	----	**.50**	12.00	**12.80**	5.00	**6.68**	----
Swift's Red Steer, 0-12-5	Baltimore	----	----	----	----	----	----	**.40**	12.00	**12.70**	5.00	**5.20**	----
Swift's Red Steer, 0-12-5	Hagerstown	----	----	----	----	----	----	**.80**	12.00	**12.50**	5.00	**5.20**	----
‡Swift's Red Steer Superphosphate, 0-20-0	Baltimore	----	----	----	----	----	----	**.30**	20.00	**20.60**	----	----	----
Swift's Red Steer Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.30**	16.00	**16.80**	----	----	----
Swift's Red Steer Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.40**	16.00	**16.80**	----	----	----
Tankage, 4.52-8. T.P.A.-0	Hagerstown	4.52	**4.51**	----	----	----	----	----	*8.00	***19.40**	----	----	----
Bone Meal Fertilizer, 2.47-23 T.P.A.-0	Baltimore	2.47	**2.33**	----	----	----	----	----	*23.00	***26.50**	----	----	----
Thomas and Co., Frederick, Md.													
Sure Crop, 2-12-6	Gaithersburg	2.00	**2.02**	1.80	**1.74**	.20	**.28**	**.50**	12.00	**12.10**	6.00	**6.25**	**26** A
†Wheat and Grass Grower, 2-9-5	Gaithersburg	2.00	**1.90**	1.80	**1.52**	.20	**.38**	**.80**	9.00	**9.70**	5.00	**6.00**	**209** B
†Wheat and Grass Grower, 2-9-5	Union Bridge	2.00	**1.83**	1.80	**1.36**	.20	**.47**	**.70**	9.00	**9.70**	5.00	**5.55**	**215** B
†Wheat and Grass Grower, 2-9-5	Gaithersburg	2.00	**1.87**	1.80	**1.32**	.20	**.55**	**.70**	9.00	**9.60**	5.00	**5.73**	**253** B
Wheat and Grass Grower, 2-9-5	Gaithersburg	2.00	**1.97**	1.80	**1.54**	.20	**.43**	**.60**	9.00	**10.10**	5.00	**6.01**	**223** B
‡Harvest Queen, 1-10-5	Gaithersburg	1.00	**1.11**	.80	**.60**	.20	**.51**	**1.00**	10.00	**11.50**	5.00	**5.90**	**323** B
Rock and Potash, 0-12-5	Gaithersburg	----	----	----	----	----	----	**1.90**	12.00	**12.40**	5.00	**5.00**	----
Superphosphate, 0-16-0	Gaithersburg	----	----	----	----	----	----	**1.50**	16.00	**17.10**	----	----	----
I. P. Thomas and Son Co., Camden, N. J.													
†Victor Potash Fertilizer, 2-9-5	Denton	2.00	**2.19**	1.73	**1.91**	.77	**.28**	**1.10**	9.00	**10.30**	5.00	**5.20**	**59** A
Potash Mixture, 0-12-5	Denton	----	----	----	----	----	----	**1.50**	12.00	**12.60**	5.00	**5.67**	----
‡Muriate of Potash, 0-0-48	Denton	----	----	----	----	----	----	----	----	----	48.00	**50.30**	----
Kainit, 0-0-14	Denton	----	----	----	----	----	----	----	----	----	14.00	**15.25**	----
Superphosphate, 0-16-0	Denton	----	----	----	----	----	----	**1.60**	16.00	**16.80**	----	----	----
‡Pure Ground Animal Bone, 3.70-21 T.P.A.	Denton	3.70	**3.95**	----	----	----	----	----	*21.00	***23.30**	----	----	----
Wm. B. Tilghman Co., Salisbury, Md.													
‡Tilghman's Wheat Mixture, 2-12-6	Salisbury	2.00	**2.16**	1.40	**1.52**	.60	**.64**	**.50**	12.00	**13.00**	6.00	**6.29**	**29** B
Tilghman's Standard, 2-9-5	Hurlock	2.00	**2.16**	1.40	**1.54**	.60	**.62**	**.70**	9.00	**9.10**	5.00	**6.21**	**143** B
Tilghman's Standard, 2-9-5	Salisbury	2.00	**2.06**	1.40	**1.41**	.60	**.65**	**.60**	9.00	**9.80**	5.00	**5.00**	**259** B
Tilghman's "S. P.", 2-8-10	Salisbury	2.00	**2.02**	1.40	**1.41**	.60	**.61**	**.50**	8.00	**8.40**	10.00	**10.40**	**184** B
Tilghman's "S. P.", 2-8-10	Hurlock	2.00	**2.01**	1.40	**1.49**	.60	**.52**	**.50**	8.00	**8.80**	10.00	**10.40**	**184** B
Tilghman's Grain Mixture, 1-10-5	Salisbury	1.00	**1.31**	.70	**.76**	.30	**.55**	**.60**	10.00	**10.80**	5.00	**5.60**	**184** B
‡Tilghman's Ten Ten, 0-10-10	Salisbury	----	----	----	----	----	----	**.60**	10.00	**10.80**	5.00	**5.60**	**184** B

Tilghman's Standard, 2-9-5	Hurlock	2.00	**2.16**	1.40	**1.54**	.60	**.62**	**.70**	9.00	**9.10**	5.00	**6.21**	**143 B**
Tilghman's Standard, 2-9-5	Salisbury	2.00	**2.06**	1.40	**1.41**	.60	**.65**	**.60**	9.00	**9.80**	5.00	**5.00**	**259 B**
Tilghman's "S. P.", 2-8-10	Salisbury	2.00	**2.02**	1.40	**1.41**	.60	**.61**	**.50**	8.00	**8.40**	10.00	**10.40**	**184 B**
Tilghman's "S. P.", 2-8-10	Hurlock	2.00	**2.01**	1.40	**1.49**	.60	**.52**	**.50**	8.00	**8.80**	10.00	**10.40**	**184 B**
Tilghman's Grain Mixture, 1-10-5	Salisbury	1.00	**1.31**	.70	**.76**	.30	**.55**	**.60**	10.00	**10.90**	5.00	**5.00**	**316 B**
‡Tilghman's Ten Ten, 0-10-10	Salisbury	----	----	----	----	----	----	**.50**	10.00	**10.70**	10.00	**10.32**	----
‡Tilghman's Phosphate and Potash Mixture, -12-5	Salisbury	----	----	----	----	----	----	**.70**	12.00	**12.20**	5.00	**5.62**	----
Tilghman's Superphosphate, 0-16-0	Salisbury	----	----	----	----	----	----	**.50**	16.00	**17.40**	----	----	----
Towson Nurseries, Inc., Towson, Md.													
Towson Lawn Food, 10-6-4	Baltimore	10.00	**10.30**	8.00	**7.49**	2.00	**2.81**	**2.40**	6.00	**8.40**	4.00	**4.23**	**546 A**
F. W. Tunnell and Co., Inc., Philadelphia, Pa.													
Vegetable and Fruit Manure, 3-8-10	Colora	3.00	**3.05**	2.25	**1.90**	.75	**1.15**	**.40**	8.00	**8.90**	10.00	**10.00**	**40 A**
Standard Cereal Manure, 2-12-4	Queen Anne	2.00	**2.08**	1.00	**1.15**	1.00	**.93**	**1.00**	12.00	**12.40**	4.00	**4.30**	**58 B**
Corn and Cereal Manure, 2-9-5	Queen Anne	2.00	**1.99**	1.00	**1.08**	1.00	**.91**	**.70**	9.00	**9.80**	5.00	**5.40**	**59 B**
Corn and Cereal Manure, 2-9-5	Colora	2.00	**2.06**	1.00	**1.04**	1.00	**1.02**	**.50**	9.00	**9.70**	5.00	**5.86**	**68 B**
Potato and Truck Manure, 2-8-10	Colora	2.00	**2.04**	1.00	**.98**	1.00	**1.06**	**.70**	8.00	**8.60**	10.00	**10.44**	**7 B**
Wheat and Cereal Manure, 1-10-5	Millington	1.00	**1.15**	.30	**.37**	.70	**.78**	**1.00**	10.00	**9.80**	5.00	**5.20**	**168 B**
Valliant Fertilizer Co., Laurel, Del.													
Valliant's Diamond, 2-9-5	----------	2.00	**2.08**	1.40	**1.59**	.60	**.49**	**.50**	9.00	**10.00**	5.00	**5.78**	**72 B**
Valliant's Jumbo, 1-10-5	----------	1.00	**1.10**	.80	**.91**	.20	**.19**	**.60**	10.00	**10.50**	5.00	**5.98**	**234 B**
Valliant's Harvest, 0-12-5	----------	----	----	----	----	----	----	**.60**	12.00	**13.10**	5.00	**5.42**	----
Valliant's Superphosphate, 0-16-0	----------	----	----	----	----	----	----	**.20**	16.00	**19.80**	----	----	----
E. S. Valliant and Son, Centreville, Md.													
Valliant's Fall Keystone, 2-9-5	Centreville	2.00	**2.19**	1.70	**1.83**	.30	**.36**	**.40**	9.00	**9.80**	5.00	**6.17**	**191 B**
Winner, 2-8-10	Centreville	2.00	**2.19**	1.60	**1.80**	.40	**.39**	**.50**	8.00	**8.90**	10.00	**10.00**	**228 B**
Valliant's Animal Base Brand, 1-10-5	Centreville	1.00	**1.19**	.80	**.98**	.20	**.21**	**.80**	10.00	**10.50**	5.00	**6.21**	**295 B**
Valliant's 0-10-10	Centreville	----	----	----	----	----	----	**1.30**	10.00	**10.20**	10.00	**12.18**	----
Harvest, 0-12-5	Centreville	----	----	----	----	----	----	**1.50**	12.00	**12.10**	5.00	**5.86**	----
Acid Phosphate, 0-16-0	Centreville	----	----	----	----	----	----	**.60**	16.00	**17.70**	----	----	----
Virginia-Carolina Chemical Corp., Baltimore, Md.													
V-C Primrose Special, 2-12-6	Baltimore	2.00	**1.99**	1.50	**1.40**	.50	**.59**	**.70**	12.00	**12.40**	6.00	**6.09**	**79 B**
V-C Fish and Potash Compound, 2-9-5	Baltimore	2.00	**2.04**	1.50	**1.43**	.50	**.61**	**.60**	9.00	**9.30**	5.00	**5.00**	**80 B**
‡V-C 10% Phosphate and Potash, 0-10-10	Baltimore	----	----	----	----	----	----	**.20**	10.00	**10.50**	10.00	**10.50**	----
V-C High-Grade Potash Mixture, 0-12-5	Baltimore	----	----	----	----	----	----	**.20**	12.00	**12.90**	5.00	**5.40**	----
V-C 16% Superphosphate, 0-16-0	Baltimore	----	----	----	----	----	----	**.30**	16.00	**16.70**	----	----	----
Vita-Vim Co., Baltimore, Md.													
Vita-Vim, 6-10-4	Baltimore	6.00	**6.80**	3.50	**3.48**	2.50	**3.32**	**.80**	10.00	**10.30**	4.00	**4.34**	**9 B**

‡Not Licensed at time of Sale. †Mineral and Organic findings do not substantiate manufacturer's declaration. *Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)		Acidity A Basicity B
		Total		Mineral		Organic		Insoluble	Available				
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
Westminster Fertilizer Co., Westminster, Md.													
2-9-5	Westminster	2.00	**2.06**	1.40	**1.60**	.60	**.46**	**.40**	9.00	**10.00**	5.00	**5.35**	**25 B**
Leader, 1-10-5	Westminster	1.00	**1.14**	.50	**.70**	.50	**.44**	**.40**	10.00	**10.80**	5.00	**5.90**	**198 B**
Superphosphate, 0-16-0	Westminster	----	----	----	----	----	----	**.90**	16.00	**16.80**	----	----	----
A. S. Woolley Co., Inc., Seaford, Del.													
Woolley's Success Fertilizer, 2-9-5	----------	2.00	**2.02**	1.50	**1.43**	.50	**.59**	**.60**	9.00	**10.00**	5.00	**5.74**	**41 B**
‡Woolley's Excel Fertilizer, 1-10-5	----------	1.00	**1.41**	.80	**.93**	.20	**.48**	**.40**	10.00	**11.30**	5.00	**6.21**	**159 B**
5% Potash Mixture, 0-12-5	----------	----	----	----	----	----	----	**.20**	12.00	**12.40**	5.00	**6.83**	----
Worcester Fertilizer Co., Snow Hill, Md.													
‡†Worcester Correct Plant Food, 2-12-6	Snow Hill	2.00	**2.43**	.80	**1.50**	1.20	**.93**	**1.40**	12.00	**12.00**	6.00	**6.60**	**43 B**
Worcester's Correct Plant Food Mixture, 2-9-5	Pocomoke City	2.00	**2.27**	1.60	**1.77**	.40	**.50**	**1.80**	9.00	**8.30**	5.00	**5.54**	**2 A**
Worcester's Correct Plant Food Mixture, 2-9-5	Snow Hill	2.00	**2.30**	1.60	**1.71**	.40	**.59**	**1.90**	9.00	**8.10**	5.00	**5.74**	**29 A**
Worcester's Correct Plant Food Mixture, 2-8-10	Pocomoke City	2.00	**2.11**	1.40	**1.50**	.60	**.61**	**.40**	8.00	**8.40**	10.00	**10.42**	**6 A**
Worcester's Correct Plant Food Mixture, 2-8-10	Snow Hill	2.00	**2.04**	1.40	**1.49**	.60	**.55**	**.50**	8.00	**8.40**	10.00	**10.94**	**3 B**
Worcester's Correct Plant Food Mixture, 1-10-5	Snow Hill	1.00	**1.21**	.80	**.83**	.20	**.38**	**1.40**	10.00	**9.60**	5.00	**5.67**	**3 B**
Worcester's 14% Kainit, 0-0-14	Snow Hill	----	----	----	----	----	----	----	----	----	14.00	**16.70**	----
Worcester's 16% Superphosphate, 0-16-0	Snow Hill	----	----	----	----	----	----	**1.00**	16.00	**16.80**	----	----	----

‡Not Licensed at time of Sale.

†Mineral and Organic findings do not substantiate manufacturer's declaration.

FEED ANALYSES

The results obtained in the chemical and microscopical examination of feeds are found on pages 24 to 79. Feeds are considered seriously deficient as regards chemical analysis when they are one per cent or more deficient in protein, or one-half of one per cent deficient in fat.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Acton Co., Philadelphia, Pa.		
‡Imperial Valley Brand Alfalfa Leaf Meal	Newark	8
Agricultural Corporation of Md., Baltimore, Md.		
Md. Supplement 32% Dairy Ration	Baltimore	8
Md. Moremilk 24% Dairy Ration	Baltimore	8
Md. Productive 24% Dairy Ration	Baltimore	8
Md. 20% Dairy Feed Closed Formula	Baltimore	9
Md. Moneymaker 20% Dairy Ration	Baltimore	8
Md. 16% Dairy Feed	Baltimore	9
Md. Laying Mash No. 3, with Choice Alfalfa Meal	Baltimore	9
Md. Laying Mash No. 3, with Choice Alfalfa Meal and Sardine Oil	Baltimore	9
Md. Egg Mash No. 1	Baltimore	10
Md. 85% Horse Feed	Baltimore	8
Md. Hog Meal 18%	Chestertown	9
Md. 40% Supplement Hog Meal	Baltimore	8
E. T. Allen Co., Atlanta, Ga.		
Empire 41% Protein Peanut Meal	Baltimore	5.8
Premier 45% Protein Peanut Meal	Baltimore	6.3
Premier 45% Protein Peanut Meal	Elkton	7.2
G. A. Allender, Elkton, Md.		
Dandy 24% Dairy Feed	Elkton	8.8
Dandy 16% Dairy Feed	Elkton	8.9
Dandy Laying Mash	Elkton	9.2
Allied Mills, Inc., Chicago, Ill.		
Wayne 32% Farm Mix Dairy Feed	Federalsburg	10.7
Wayne 32% Farm Mix Dairy Feed	Baltimore	8.7
Wayne 26% Mash Supplement	Baltimore	6.8
Wayne 24% Dairy Feed	Federalsburg	8.6
Empire 20% Dairy Ration	Baltimore	9.8
Wayne 20% Dairy Feed	Baltimore	9.6
Empire 16½% Dairy Ration	Baltimore	9.3
Empire 16½% Dairy Ration	Maugansville	9.3
Sucrene 16½% Dairy Ration	Grantsville	9.7
Wayne Mash Concentrate	Reisterstown	6.9
‡Amco Super Egg Mash Open Formula	Grantsville	10.63
Empire Egg Mash	Frederick	8.74
Wayne Egg Mash	Federalsburg	8.00
Wayne Egg Mash	Maugansville	8.47
‡Empire Growing Mash, with Sardine Oil	Federalsburg	9.05
Wayne Growing Mash, with Sardine Oil	Federalsburg	8.61
Wayne Growing Mash	Reisterstown	8.03
Wayne Poultry Fattener	Cumberland	8.33
Wayne Broiler Ration	Maugansville	8.67
Wayne Supreme Horse Feed	Federalsburg	10.15
Wayne Supreme Horse Feed	Baltimore	10.13
Wayne 40% Hog Supplement	Maugansville	8.20
Wayne 40% Hog Supplement	Federalsburg	8.05
Wayne Pig Starter	Federalsburg	8.05
Wayne Pig Starter	Maugansville	10.00

‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.18	20.00	19.31	3.00	3.02	18.00	20.90	10.02	38.57	As declared on sack.
8.27	32.00	34.12	4.00	4.36	9.00	6.29	7.15	39.81	A.
8.51	24.00	25.76	4.00	4.42	9.00	8.52	7.82	44.97	B.
8.13	24.00	25.89	3.50	4.26	9.00	7.28	8.03	46.41	As declared on sack.
9.62	20.00	20.70	3.50	4.05	12.00	7.45	10.01	48.17	" "
8.57	20.00	23.19	3.50	4.20	9.00	9.05	8.09	46.90	" "
9.48	16.00	18.03	3.00	3.78	12.00	11.14	8.57	49.00	" "
9.55	18.50	18.43	4.00	4.82	8.00	6.80	7.71	52.69	" "
9.90	18.50	19.74	4.00	4.68	8.00	6.95	7.00	51.73	" "
10.42	20.00	20.80	4.00	4.33	7.50	5.73	6.74	51.98	" "
8.01	9.00	11.15	3.00	3.70	9.00	6.89	5.37	64.88	C. " "
9.30	18.00	22.55	4.00	5.09	5.00	3.74	9.44	49.88	" "
8.53	40.00	42.38	5.00	5.53	9.00	7.18	12.01	24.37	B.
5.84	41.00	42.21	6.00	8.84	12.00	15.47	4.60	23.04	As declared on sack.
6.38	45.00	44.93	7.00	8.82	10.00	10.55	4.72	24.60	" "
7.27	45.00	44.40	7.00	8.03	10.00	12.99	4.28	23.03	" "
8.85	24.00	24.57	5.00	5.97	9.00	8.57	6.85	45.19	" "
8.99	16.00	17.81	3.50	4.14	12.00	11.81	7.00	50.25	" "
9.29	20.00	22.46	4.50	6.53	9.00	7.18	10.10	44.44	" "
10.70	32.00	32.08	4.00	4.63	9.00	6.51	10.67	35.41	" "
8.72	32.00	32.39	4.00	4.87	9.00	6.81	9.20	38.01	" "
6.83	26.00	27.82	4.00	3.96	10.00	8.02	8.45	44.92	" "
8.63	24.00	25.21	4.00	4.45	9.00	8.06	8.62	45.03	" "
9.87	20.00	22.53	3.00	4.57	12.00	9.53	7.42	46.08	" "
9.69	20.00	21.60	4.00	4.21	9.00	8.48	7.07	48.95	" "
9.37	16.50	21.05	3.00	5.07	12.00	10.62	5.25	48.64	" "
9.33	16.50	22.04	3.00	4.96	12.00	9.88	7.56	46.23	" "
9.77	16.50	19.25	3.00	4.15	12.00	8.26	6.50	52.07	" "
6.91	32.00	35.36	4.00	4.09	8.00	6.93	18.55	28.16	" "
10.63	18.50	19.48	4.00	4.63	7.00	6.33	6.15	52.78	" "
8.74	16.50	18.52	3.50	4.62	7.00	7.21	8.74	52.17	" "
8.00	18.00	18.08	3.50	5.07	7.00	7.42	8.80	52.63	" "
8.47	18.00	19.83	3.50	4.65	7.00	5.78	9.60	51.67	" "
9.05	16.00	16.85	3.00	5.40	7.00	6.57	7.07	55.06	" "
8.61	16.00	17.90	4.00	5.10	6.00	4.59	8.00	55.80	" "
8.03	16.00	17.29	4.00	5.39	6.00	4.96	8.02	56.31	" "
8.33	13.50	15.18	3.50	5.30	8.00	6.77	4.30	60.12	" "
8.67	18.00	19.39	3.50	5.54	8.00	5.49	7.80	53.11	" "
10.15	9.50	11.22	3.00	3.11	8.00	5.47	2.05	68.00	" "
10.13	9.50	11.26	3.00	3.07	8.00	5.86	2.48	67.20	" "
8.20	40.00	42.51	4.50	4.75	8.00	6.09	12.43	26.02	" "
8.05	40.00	41.25	4.50	6.05	8.00	6.90	12.18	25.57	" "
8.05	18.00	19.83	3.50	4.89	7.00	4.30	6.83	56.10	" "
10.00	18.00	19.58	3.50	5.08	7.00	3.99	7.64	53.71	" "

A—Ingredients present as declared but proportions differ. Six hundred and sixty lbs. Cottonseed Meal declared but only small amount present, 360 lbs. Soybean Oil Meal declared but larger amount present.
B—Ingredients on bag differ from license.
C—Fibre guarantee on tag differs from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Allied Mills, Inc., Chicago, Ill. (Continued)		
Wayne Pork Maker	Federalsburg	8.
Wayne Pork Maker	Maugansville	11.
Emergency Hog Feed	Grantsville	10.
Corn Distillers' Dried Grains	Hagerstown	8.
Wayne Chick Starter, with Sardine Oil	Baltimore	7.
Wayne Turkey Starting Mash	Baltimore	7.
Wayne Turkey Mash	Baltimore	8.
Wayne Turkey Mash, with Sardine Oil	Federalsburg	8.
Wayne Rabbit Feed	Baltimore	6.
American Maize-Products Co., New York, N. Y.		
‡Soybean Oil Meal	Baltimore	7.
Amaizo Gluten Meal	Baltimore	9.
Cream of Corn Gluten Feed	Walkersville	8.
Cream of Corn Gluten Feed	Baltimore	10.
American Stores Co., Philadelphia, Pa.		
Farmdale Scratch Grain	Frostburg	9.
Anderson Grain and Feed Co., Inc., York, Pa.		
‡Anderson's 24 Dairy Feed	Jarrettsville	9.
Anderson's 20 Dairy Feed	Jarrettsville	9.
Anderson's 16 Dairy Feed	Elkton	8.
Anderson's 16 Dairy Feed	Hagerstown	9.
Anderson's 20 Laying Mash, with DBM	Jarrettsville	8.
Anco Horse Feed	Elkton	10.
Anne Arundel County Farmers Association, Baltimore, Md.		
Anarco Dairy Feed	Baltimore	7.
Anarco Egg Mash, with B. and Cod Liver Oil	Baltimore	8.
Anarco Hog Feed	Baltimore	8.
Arcady Farms Milling Co., Chicago, Ill.		
*‡Arco 24% Dairy Ration	Baltimore	10.
Arcady Sweet 16 Dairy Feed	Hagerstown	8.
Sunkist Egg Mash	Hagerstown	7.
Arcady-Wonder Laying Mash	Oakland	7.
Arcady-Wonder Laying Mash	Salisbury	9.
Wonderfat Station Feed	Baltimore	7.
‡Wonderfat Shipping Feed	Baltimore	9.
Arcady Horse and Mule Feed	Baltimore	8.
Arcady Horse and Mule Feed	Baltimore	10.
‡Beets-Oats Horse and Mule Feed	Oakland	10.
Arcady-Wonder Complete All Mash Chick Starter	Salisbury	9.
‡Riverside Scratch Grains	Oakland	12.
‡Wonder Turkey Growing Mash	Mt. Airy	9.
Arcady Complete Rabbit Feed	Baltimore	9.
Wonder Rabbit Feed	Baltimore	10.
Archer-Daniels-Midland Co., Minneapolis, Minn.		
‡41% Protein Old Process Soybean Oil Meal	Germantown	8.
‡37% Protein Old Process Linseed Meal	Baltimore	8.

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.87	14.00	15.22	3.50	4.52	7.00	4.99	6.97	59.43	As declared on sack.
11.05	14.00	15.00	3.50	4.64	7.00	5.07	6.03	58.21	" "
10.96	14.00	16.34	3.50	3.44	7.00	4.65	8.73	55.88	" "
8.81	28.00	29.13	8.00	8.02	15.00	14.94	3.40	35.70	" "
7.60	17.00	19.48	4.00	5.59	6.00	5.20	9.55	52.58	" "
7.51	25.00	26.32	4.00	5.37	8.00	6.98	10.65	43.17	" "
8.00	15.00	18.87	3.50	5.57	8.00	6.76	8.80	52.00	" "
8.10	15.00	18.25	3.50	5.85	8.00	5.93	7.54	54.33	" "
6.82	13.00	15.97	3.00	3.64	11.00	9.95	7.41	56.21	" "
7.63	41.00	42.74	4.50	4.87	7.00	6.36	6.04	32.36	" "
9.62	40.00	42.38	1.00	.61	4.00	1.74	2.10	43.55	" "
8.15	25.00	29.92	2.00	2.95	8.50	7.50	6.71	44.77	" "
10.27	25.00	28.43	2.00	2.31	8.50	7.06	5.57	46.36	" "
9.09	10.00	10.62	2.50	3.23	4.00	2.73	1.90	72.43	" "
9.40	24.00	25.48	4.00	3.77	12.00	11.87	8.38	41.10	" "
9.70	20.00	21.79	4.00	4.07	12.00	9.08	8.30	47.06	" "
8.56	16.00	18.54	3.50	3.65	12.00	12.11	9.27	47.87	" "
9.77	16.00	17.79	3.50	3.52	12.00	10.45	10.90	47.57	" "
8.45	20.00	22.38	4.00	6.33	8.00	7.24	10.90	44.70	" "
10.72	7.00	7.76	2.00	2.64	12.00	11.68	4.24	62.96	" "
7.74	26.00	26.59	5.00	5.12	9.00	9.38	7.20	43.97	" "
8.03	22.00	24.92	5.00	6.18	8.00	5.78	12.78	42.31	A.
8.15	21.00	21.32	6.00	6.72	7.00	8.25	7.34	48.22	As declared on sack.
10.70	24.00	22.35	3.50	3.51	11.00	7.37	12.91	43.16	" "
8.85	16.00	16.18	4.00	3.96	12.50	11.38	12.55	47.08	A.
7.32	20.00	21.24	4.00	4.64	8.00	9.28	13.83	43.69	As declared on sack.
7.85	20.00	21.24	4.00	4.46	7.00	6.52	14.10	45.83	" "
9.34	20.00	21.94	4.00	4.45	7.00	6.89	12.50	44.88	" "
7.65	12.50	14.48	4.50	4.96	6.00	6.54	5.28	61.09	A.
9.15	12.50	14.92	4.50	5.00	6.00	8.24	4.82	57.87	As declared on sack.
8.92	9.00	10.48	2.00	2.57	12.00	11.54	4.61	61.88	" "
10.77	9.00	10.61	2.00	2.53	12.00	13.81	4.59	57.69	" "
10.85	10.00	10.07	3.00	2.76	10.00	8.17	5.02	63.13	" "
9.49	17.00	17.72	5.00	6.29	5.00	4.94	8.87	52.69	" "
12.39	10.00	12.11	2.50	2.83	5.00	2.87	2.22	67.58	" "
9.05	22.00	21.85	4.50	4.97	6.00	6.48	13.13	44.52	" "
9.66	12.00	12.99	2.50	2.57	16.00	17.28	9.20	48.30	" "
10.76	12.00	13.60	3.50	3.50	8.00	6.61	6.80	58.73	" "
8.24	41.00	43.97	4.50	4.19	7.00	6.28	6.12	31.20	" "
8.98	37.00	38.26	4.50	5.40	9.00	7.42	6.04	33.90	" "

A—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Ashcraft-Wilkinson Co., Atlanta, Ga.		
Cow-Eta Brand 41% Prime Quality Cotton Seed Meal	Baltimore	7.
Cow-Eta Brand 41% Prime Quality Cotton Seed Meal	Frederick	6.
Cow-Eta Brand 41% Prime Quality Cotton Seed Meal	Germantown	5.
Cow-Eta Brand 41% Prime Quality Cotton Seed Meal	Rising Sun	6.
*Hi-Pro Brand Prime Peanut Meal 45%	Baltimore	7.
Hi-Pro Brand Prime Peanut Meal 45%	Cardiff	7.
Baltimore Feed and Grain Co., Baltimore, Md.		
*BBL. 32% Dairy Feed	Baltimore	9.
BBL. 24% Dairy Feed	Baltimore	8.
BBL. 20% Dairy Feed	Baltimore	9.
*BBL. 16½% Dairy Feed	Baltimore	10.
BBL. All Mash Laying Ration, with DBM. and Minerals	Baltimore	9.
BBL. Improved Laying Mash, with DBM. and Mineral Supplement	Baltimore	8.
BBL. Cod-Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil and Mineral Supplement	Hebron	7.
BBL. Cod-Mlk-O-Lay Breeding Mash, with DBM., Cod Liver Oil and Mineral Supplement	Baltimore	9.
BBL. Egg Mash, with Milk and Minerals	Hebron	8.
BBL. Egg Mash, with Milk and Minerals	Baltimore	9.
BBL. Cod-Mlk-O-Gro, with DBM., Cod Liver Oil and Mineral Supplement	Baltimore	9.
BBL. 85% Horse Feed	Baltimore	10.
BBL. 40% Horse Feed	Baltimore	10.
BBL. Hog Feed	Hebron	8.
BBL. Hog Feed	Baltimore	9.
BBL. Cod-Mlk-O-Chick Starter, with DBM., Cod Liver Oil and Minerals	Hebron	8.
Barker Moore and Mein Co., Philadelphia, Pa.		
Barker's Poultry Powder	Easton	6.
Barker's Poultry Powder	Keedysville	6.
Baugh and Sons Co., Baltimore, Md.		
Duplex Egg Producer Pure Meat Scrap	Princess Anne	6.
Duplex Egg Producer Pure Meat Scrap	Baltimore	6.
Baugh's Oldest Brand Meat and Bone Scrap	Baltimore	5.
Baugh's 58% Fish Meal	Baltimore	6.
Baugh's 58% Fish Meal	Frederick	6.
Baugh's 58% Fish Meal	Westminster	7.
Baugh's 60% Digester Tankage	Pocomoke City	6.
Beacon Milling Co., Inc., Cayuga, N. Y.		
Beacon's Cayuga Laying Mash, with BM	Easton	9.
Beacon's Cayuga Growing Mash	Easton	11.
‡Beacon 1935 CC. Pellets	Salisbury	8.
Beacon Hog Feed	Cambridge	9.
‡Beacon Calf Pellets	Salisbury	9.
‡Cayuga Pigeon Feed No Corn	Cambridge	8.

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.57	41.00	41.77	5.00	6.07	13.00	10.24	6.46	27.89	As declared on sack.
6.93	41.00	41.59	5.00	6.75	13.00	11.02	6.50	27.21	" "
5.91	41.00	41.51	5.00	6.04	13.00	12.24	6.26	28.04	" "
6.37	41.00	40.98	5.00	5.99	13.00	12.01	6.11	28.54	" "
7.26	45.00	43.35	6.00	7.79	10.00	14.28	5.83	21.49	" "
7.24	45.00	45.17	6.00	8.52	10.00	13.22	4.27	21.58	" "
9.37	32.00	30.22	4.00	4.81	7.50	9.50	6.50	39.60	" "
8.02	24.00	23.01	4.50	4.48	8.00	8.73	6.20	49.56	" "
9.39	20.00	19.59	4.50	4.25	12.00	8.00	6.10	52.67	" "
10.98	16.50	15.38	3.00	2.64	13.00	9.24	7.70	54.06	" "
9.82	15.00	16.94	4.00	5.32	5.50	5.23	9.07	53.62	" "
8.57	20.00	21.24	4.00	6.44	6.50	6.41	11.04	46.30	" "
7.59	20.00	21.59	4.00	6.52	6.50	8.32	10.05	45.93	" "
9.47	20.00	21.24	4.00	6.02	6.50	6.76	10.97	45.54	" "
8.58	20.00	21.94	4.50	6.18	9.00	8.23	7.92	47.15	" "
9.46	20.00	21.59	4.50	4.69	9.00	7.72	8.46	48.08	" "
9.35	18.00	18.60	4.50	6.10	6.50	5.36	8.02	52.57	" "
10.33	9.00	9.45	3.50	3.88	9.00	5.07	5.02	66.25	" "
10.94	7.00	8.56	2.50	3.12	13.00	9.98	6.50	60.90	" "
8.67	18.00	17.55	4.50	4.70	8.00	6.72	7.74	54.62	" "
9.39	18.00	17.55	4.50	6.18	8.00	7.14	9.21	50.53	" "
8.45	16.00	15.20	4.50	6.88	5.00	4.98	7.64	56.85	" "
6.85	15.00	20.36	3.50	7.08	16.00	9.61	21.95	34.15	
6.04	15.00	20.88	3.50	9.66	16.00	9.33	21.64	32.45	
6.87	55.00	57.13	6.00	10.62	3.00	2.27	23.10	.01	" "
6.13	55.00	56.25	6.00	10.38	3.00	1.60	25.43	.21	" "
5.87	50.00	51.78	6.00	11.48	3.00	2.67	25.50	2.70	" "
6.69	58.00	60.38	5.00	7.46	3.00	.50	20.65	4.32	" "
6.04	58.00	61.08	5.00	6.86	3.00	.37	19.80	5.85	" "
7.50	58.00	60.46	5.00	8.25	3.00	.72	19.40	3.67	" "
6.72	60.00	60.99	5.00	7.03	3.00	2.40	22.74	.12	" "
9.50	20.00	20.01	4.00	4.91	7.00	5.59	9.85	50.14	" "
11.46	15.00	16.94	4.00	4.62	7.00	6.54	7.57	52.87	" "
8.97	18.00	19.04	1.00	5.30	5.00	3.52	5.17	58.00	" "
9.25	18.00	19.13	5.00	4.53	7.00	6.17	8.72	52.20	" "
9.44	25.00	25.36	3.50	3.52	4.00	3.27	5.63	52.78	" "
8.89	12.00	14.04	2.00	2.93	4.00	3.52	2.40	68.22	" "

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
J. P. Bennett and Sons, Mardela Springs, Md.		
Bennett's Best Laying Mash	Mardela Springs	8.
Bennett's Best Growing Mash	Mardela Springs	9.
Bennett's Best Developing Ration	Mardela Springs	10.
Berlin Feed Store, Berlin, Md.		
B.F.S. Laying Mash	Berlin	8.
B.F.S. Starter and Growing Mash	Berlin	8.
Berlin Milling Co., Inc., Salisbury, Md.		
Economy Laying Mash	Salisbury	8.7
Economy Growing Mash	Salisbury	9.(
Geo. W. Biles Co., Inc., Providence, Md.		
Cecil County Laying Mash	Providence	8.1
Bisbee Linseed Co., Philadelphia, Pa.		
Bisbee Brand 34% Protein Pure O.P. Linseed Meal	Elkton	8.7
Bisbee Brand 34% Protein Pure O.P. Linseed Meal	Woodsboro	8.3
Blamberg Bros., Inc., Baltimore, Md.		
‡Cornell Brand No. 1 Superfine Squab Breeding Feed	Annapolis	11.1
Bowman Bros., Gaithersburg, Md.		
Gilt Edge 26% Dairy Feed	Gaithersburg	7.0
Gilt Edge Growing Mash	Gaithersburg	8.5(
Bradley and Baker, Baltimore, Md.		
55% Meat Scrap	Baltimore	6.87
55% Meat Scrap	Baltimore	7.00
*55% Meat Scrap	Baltimore	6.39
50% Meat and Bone Scrap	Baltimore	6.32
50% Meat and Bone Scrap	Baltimore	5.98
50% Meat and Bone Scrap	Baltimore	5.79
*45% Meat and Bone Scrap	Baltimore	6.31
45% Meat and Bone Scrap	Baltimore	6.40
45% Meat and Bone Scrap	Baltimore	6.86
Fish Meal	Baltimore	6.92
Argentine Wheat Bran, with Ground Screenings N. Ex. M. R.	Baltimore	10.27
Standard Wheat Middlings	Baltimore	9.19
*Wheat Flour Middlings	Baltimore	10.57
Wheat Flour Middlings	Baltimore	10.04
Dried Beet Pulp	Ellicott City	7.36
C. H. Braun and Sons, Inc., Baltimore, Md.		
*Encore Brand 45% Meat and Bone Scrap	Hagerstown	5.67
Encore Brand 45% Meat and Bone Scrap	Hagerstown	6.78
Encore Brand 60% Digester Tankage	Hagerstown	7.41
Brooks Supply Co., Reisterstown, Md.		
"Brooks' Special" Egg Mash	Reisterstown	8.54

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.97	20.00	**21.94**	4.00	**4.99**	9.00	**7.29**	**12.53**	**44.28**	As declared on sack.
9.35	16.00	**18.95**	4.00	**4.03**	8.00	**4.75**	**7.77**	**55.15**	" "
10.41	16.00	**19.57**	4.00	**4.49**	8.00	**5.21**	**7.65**	**52.67**	" "
8.99	20.00	**20.53**	4.00	**5.50**	6.00	**5.29**	**13.25**	**46.44**	" "
8.91	17.00	**17.64**	4.00	**5.49**	6.00	**4.23**	**12.30**	**51.43**	" "
8.78	19.00	**18.95**	5.00	**5.61**	6.50	**8.58**	**10.52**	**47.56**	A.
9.07	15.00	**15.36**	4.50	**4.51**	5.00	**6.82**	**10.30**	**53.94**	As declared on sack.
8.13	20.00	**21.94**	4.00	**5.80**	8.00	**6.32**	**12.40**	**45.41**	" "
8.77	34.00	**34.58**	5.00	**5.22**	10.00	**8.43**	**5.58**	**37.42**	B. " "
8.30	34.00	**34.05**	5.00	**5.95**	10.00	**9.02**	**5.35**	**37.33**	" "
11.16	12.10	**13.10**	3.70	**3.93**	3.50	**3.55**	**2.26**	**66.00**	" "
7.09	26.00	**25.97**	5.00	**4.97**	9.00	**10.80**	**7.94**	**43.23**	" "
8.56	16.00	**16.76**	3.50	**6.70**	6.00	**5.68**	**6.44**	**55.86**	" "
6.87	55.00	**55.72**	6.00	**9.74**	3.00	**1.89**	**25.67**	**.11**	" "
7.00	55.00	**54.76**	6.00	**10.28**	3.00	**2.17**	**25.65**	**.14**	" "
6.39	55.00	**53.71**	6.00	**11.75**	3.00	**2.68**	**27.87**	----	" "
6.32	50.00	**50.20**	6.00	**9.78**	3.00	**2.40**	**29.37**	**1.93**	" "
5.98	50.00	**49.84**	6.00	**10.38**	3.00	**2.58**	**29.53**	**1.69**	" "
5.79	50.00	**53.53**	6.00	**12.99**	3.00	**2.32**	**25.07**	**.30**	" "
6.31	45.00	**41.86**	6.00	**14.40**	3.00	**2.16**	**35.05**	**.22**	" "
6.40	45.00	**44.32**	6.00	**13.28**	3.00	**2.29**	**31.30**	**2.41**	" "
6.86	45.00	**44.58**	6.00	**13.58**	3.00	**2.13**	**27.15**	**5.70**	" "
6.92	58.00	**59.41**	5.00	**10.29**	2.00	**.46**	**19.99**	**2.93**	" "
10.27	13.00	**15.97**	4.00	**3.98**	13.00	**8.94**	**6.85**	**53.99**	" "
9.19	14.00	**17.11**	4.00	**4.28**	9.50	**7.65**	**5.97**	**55.80**	" "
10.57	13.00	**11.58**	2.00	**2.82**	4.00	**3.54**	**2.77**	**68.72**	" "
10.04	13.00	**12.99**	2.00	**2.86**	4.00	**3.40**	**2.60**	**68.11**	" "
7.36	7.50	**8.42**	.50	**.40**	20.00	**15.87**	**3.17**	**64.78**	" "
5.67	45.00	**42.38**	6.00	**15.48**	3.00	**2.45**	**33.85**	**.17**	" "
6.78	45.00	**44.60**	6.00	**14.01**	3.00	**2.12**	**32.22**	**.27**	" "
7.41	60.00	**60.29**	6.00	**8.63**	3.00	**2.34**	**19.59**	**1.74**	" "
8.54	18.00	**20.62**	4.00	**5.02**	7.00	**6.35**	**8.80**	**59.67**	" "

A—Also detected Charcoal.
B—Acid Insoluble Ash 0.13%.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
P. M. Brooks, Chestertown, Md.		
Rose Bud 20% Special Dairy Feed	Chestertown	
Rose Bud Egg Mash	Chestertown	
Herbert Bryant, Inc., Alexandria, Va.		
*50% Meat Scrap	Washington Grove	
Pure Ground Fish for Poultry	Gaithersburg	
Bryant's Home 32% Dairy Feed	Washington Grove	
Bryant's Home 26% Dairy Feed	Washington Grove	
Bryant's 20% Prize-Winner Dairy Feed	Washington Grove	
Bryant's Home Laying Mash	Washington Grove	
Bryant's Home Growing Mash	Washington Grove	
Cambridge Manufacturing Co., Cambridge, Md.		
New-Vim Molasses Dairy Feed	Cambridge	
New-Vim Molasses Dairy Feed	Cambridge	
New-Vim Molasses Dairy Feed	Cambridge	
Gets 'Em Laying Mash	Cambridge	
Moore's Laying Mash	Cambridge	
New-Vim Super Laying Mash	Cambridge	
‡New-Vim Hog Feed	Cambridge	
Super Chick Starter	Cambridge	
New-Vim Turkey Growing	Cambridge	
Camilla Cotton Oil Co., Camilla, Ga.		
Micoga Brand High Grade Peanut Meal	Baltimore	
‡Micoga Brand High Grade Peanut Meal	Hagerstown	
‡Micoga Brand High Grade Peanut Meal	Street	
A. B. Caple Co., Toledo, Ohio.		
Alfalfa Meal	Baltimore	
Edmund L. Carr, Manchester, Md.		
Maple Grove Laying Mash	Maple Grove	
Carter and Yates Milling Co., Church Hill, Md.		
Red Star Dairy Feed	Centreville	
Red Star Laying Mash	Centreville	
Cecil County Milling Co., Rising Sun, Md.		
Rising Sun Brand 16% Dairy Feed	Rising Sun	
Rising Sun Brand Laying Mash, with DBM.	Rising Sun	
Central Chemical Co., Inc., Baltimore, Md.		
"Gro-All" Meat Scraps 55%	Pocomoke City	
"Gro-All" Meat Scraps 55%	Baltimore	
"Gro-All" Meat and Bone Scraps 50%	Walkersville	
"Gro-All" Meat and Bone Scraps 50%	Baltimore	
"Gro-All" Meat and Bone Scraps 50%	Ingleside	
"Gro-All" Meat and Bone Scraps 50%	Woodsboro	
"Gro-All" Meat and Bone Scraps 50%	Baltimore	
"Gro-All" Meat and Bone Scraps 50%	Frederick	
*"Gro-All" Meat and Bone Scraps 45%	Hagerstown	

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients	
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
8.09	20.00	21.11	4.50	4.14	9.50	9.27	6.96	50.43	As declared on sack.	
7.92	19.00	18.34	4.50	5.44	7.00	7.20	12.28	48.82	"	"
6.91	50.00	48.21	10.00	13.51	2.00	2.14	28.65	.58	"	"
6.25	58.00	60.55	7.00	8.43	1.00	.55	18.70	5.52	"	"
9.05	32.00	35.45	4.00	6.43	10.00	7.53	8.28	33.26	A.	"
8.66	26.00	29.31	4.00	5.52	11.00	8.88	7.60	40.03	A.	"
9.46	20.00	21.67	5.00	6.55	12.00	10.71	6.48	45.13	"	"
8.96	19.00	19.92	5.00	5.66	6.50	6.12	6.93	52.41	B.	"
8.62	16.00	17.55	4.00	5.44	6.00	6.46	8.14	53.79	"	"
8.76	24.00	23.07	4.00	4.04	9.50	8.44	8.40	47.29	"	"
9.07	20.00	19.46	4.00	4.39	10.00	7.15	7.91	52.02	"	"
9.00	16.00	17.23	3.00	3.92	12.00	8.75	7.70	53.40	"	"
8.51	20.00	19.62	5.00	4.86	7.00	6.68	11.13	49.20	"	"
9.20	20.00	19.92	5.00	5.19	5.00	5.58	10.78	49.33	"	"
9.23	20.00	20.71	5.00	4.99	7.00	5.82	10.85	48.40	"	"
8.03	16.00	17.15	4.50	4.40	9.00	5.99	7.53	56.90	"	"
8.15	14.00	15.62	4.00	5.69	5.50	4.43	7.42	58.69	"	"
7.77	25.00	26.06	4.00	5.71	5.00	4.55	11.50	44.41	"	"
6.51	45.00	44.58	6.00	8.06	10.00	6.58	5.75	28.52	"	"
5.53	45.00	46.77	6.00	8.39	10.00	11.30	5.94	22.07	"	"
7.54	45.00	46.69	6.00	7.80	10.00	10.28	5.50	22.19	"	"
9.58	13.00	15.53	1.00	1.77	33.00	27.76	8.23	37.13	"	"
8.92	20.00	21.94	4.00	5.10	6.50	5.11	10.43	48.50	"	"
9.00	18.00	18.25	4.00	4.52	10.00	7.15	4.70	56.38	As declared on sack.	
8.61	20.00	21.15	4.00	4.72	8.00	6.75	4.15	54.62	"	"
10.23	16.00	16.88	3.50	3.77	12.00	11.40	6.44	51.28	"	"
8.66	20.00	22.64	4.50	6.05	5.00	5.02	10.96	46.67	B.	
6.84	55.00	56.69	8.00	9.19	2.00	1.81	25.25	.22	As declared on sack.	
6.95	55.00	55.81	8.00	11.24	2.00	2.34	22.14	1.52	"	"
6.31	50.00	50.63	8.00	10.24	2.00	1.54	31.17	.11	"	"
5.83	50.00	50.20	8.00	9.58	2.00	1.73	33.76	----	"	"
6.29	50.00	51.25	8.00	11.17	2.00	2.21	28.27	.81	"	"
6.09	50.00	52.83	8.00	8.67	2.00	2.14	30.10	.17	"	"
6.71	50.00	50.46	8.00	10.64	2.00	2.30	27.70	2.19	"	"
8.23	50.00	51.33	8.00	10.74	2.00	2.51	29.68	----	"	"
6.28	45.00	43.88	8.00	12.00	2.00	2.03	35.50	.31	"	"

A—Fibre guarantee on sack differs from license.
B—Fibre guarantee and ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Central Chemical Co., Inc., Baltimore, Md. (Continued)		
*"Gro-All" Poultry Bone Meal 20%	Ingleside	
*"Gro-All" Steamed Bone Meal	Elkton	
"Gro-All" Fish Meal 55%	Cambridge	
"Gro-All" Fish Meal 55%	Cambridge	
"Gro-All" Fish Meal 55%	Woodsboro	
"Gro-All" Fish Meal 55%	Frederick	
"Gro-All" Fish Meal 55%	Baltimore	
"Gro-All" Fish Meal 55%	Berlin	
"Gro-All" Fish and Crab Meal	Frederick	
"Gro-All" Distillers Grains (with Molasses)	Baltimore	
"Gro-All" Rye Distillers Dried Grains	Baltimore	
"Gro-All" Rye Distillers Dried Grains	Maugansville	
Central Purchasing Bureau State of Md., Baltimore, Md.		
C.P.B. Dairy Ration	Breathedsville	10
C.P.B. Dairy Ration	Owings Mills	9
C.P.B. Dairy Ration	Sykesville	10
C.P.B. Dairy Ration	Waterbury	-
C.P.B. Dairy Ration	Jessups	10
C.P.B. Dairy Ration	Owings Mills	10
C.P.B. Dry Cow Feed	Sykesville	11
C.P.B. Dry Cow Feed	Jessups	10
C.P.B. Dry Cow Feed	Breathedsville	-
Egg Mash	Sykesville	-
C.P.B. Laying Mash	Waterbury	-
C.P.B. Laying Mash	Waterbury	-
C.P.B. Horse Feed	Waterbury	-
Scratch Feed		
Central Soya Co., Inc., Decatur, Ind.		
Central 41% Protein Soybean Oilmeal	Cambridge	7.
Central 41% Protein Soybean Oilmeal	Frederick	9.
Chapin and Co., Hammond, Ind.		
*Unicorn Dairy Ration 24%	Baltimore	10.
‡Chapin Grow-All Toasted Kernels	Baltimore	8.
Chapin Lay-All Toasted Kernels	Baltimore	8.
Chestnut Farms-Chevy Chase Dairy, Washington, D. C.		
Skim Milk Powder	Frederick	--
Chewsville Cooperative Association, Inc., Chewsville, Md.		
Thrivont 32% Mixing Ration	Chewsville	6.
*Thrivont Milk Maker	Chewsville	7.
Chewsville Maryland Laying Mash	Chewsville	8.
Thrivont Laying Mash, with B. and Cod Liver Oil	Chewsville	8.
Thrivont Growing Feed	Chewsville	8.
Thrivont Broiler Ration	Chewsville	7.
*Thrivont Pig and Hog Meal	Chewsville	8.
Clinton Co., Clinton, Iowa.		
Clinton Corn Gluten Feed	Rising Sun	10.

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
4.64	20.00	23.43	2.00	.58	2.00	.13	67.65	3.57	As declared on sack.
5.90	5.00	6.67	2.00	.57	2.00	.71	85.30	.85	" "
7.41	55.00	59.32	6.00	7.92	1.00	.78	21.60	2.97	" "
6.60	55.00	59.41	6.00	7.49	1.00	.45	19.60	6.45	" "
6.15	55.00	55.11	6.00	5.86	1.00	1.09	24.30	7.49	" "
6.04	55.00	57.04	6.00	8.68	1.00	1.05	23.87	3.32	" "
8.00	55.00	60.72	6.00	9.37	1.00	.75	19.96	1.20	" "
6.51	50.00	52.30	4.00	4.42	5.00	5.61	26.90	4.26	" "
9.63	15.00	17.17	6.00	6.65	18.00	12.41	2.98	51.16	" "
8.92	16.00	17.29	5.00	6.73	18.00	15.84	2.45	48.77	" "
8.67	16.00	20.36	5.00	6.98	18.00	17.38	3.58	43.03	" "
10.85	32.00	32.02	5.00	5.06	9.00	8.74	----	----	" "
9.52	20.00	21.20	4.00	3.99	11.00	9.75	----	----	" "
10.44	20.00	25.09	4.00	3.98	11.00	8.61	----	----	" "
----	20.00	22.36	4.00	4.19	11.00	8.85	----	----	" "
10.27	20.00	22.48	4.00	4.19	11.00	8.32	----	----	" "
10.05	12.00	14.38	3.00	3.55	7.00	7.94	----	----	" "
11.28	12.00	14.42	3.00	3.12	7.00	5.59	----	----	" "
10.39	12.00	14.73	3.00	3.61	7.00	7.60	----	----	" "
----	18.00	19.53	4.50	7.18	6.00	5.04	----	----	" "
----	18.00	19.39	4.50	5.54	6.00	5.68	----	----	" "
----	18.00	19.00	4.50	6.07	6.00	5.34	----	----	" "
----	9.00	10.82	3.50	3.64	8.00	9.84	----	----	" "
----	----	9.65	----	2.98	----	3.60	----	----	" "
7.46	41.00	43.00	5.00	4.91	7.00	5.67	6.08	32.88	" "
9.13	41.00	43.53	5.00	4.96	7.00	6.22	6.08	30.08	" "
10.10	24.00	24.10	4.50	3.76	10.00	8.51	8.93	44.60	" "
8.45	20.00	21.94	5.00	5.00	4.50	5.03	7.20	52.38	" "
8.45	20.00	20.36	3.50	5.31	5.00	6.38	9.51	49.99	" "
----	32.00	34.05	.75	x.71	----	----	7.85	----	" "
6.21	32.00	32.64	4.50	4.52	9.00	9.59	11.80	35.24	A.
7.00	23.00	28.43	5.00	4.16	7.00	9.35	10.25	40.81	A.
8.05	19.00	20.36	5.00	6.59	8.00	4.96	10.80	49.25	As declared on sack.
8.84	19.00	21.15	5.00	6.47	8.00	5.70	10.80	47.04	" "
8.70	16.00	17.90	4.00	5.20	6.00	5.42	7.55	55.23	" "
7.64	18.00	17.99	4.00	5.24	8.00	5.19	6.54	57.40	" "
8.16	15.00	16.23	5.00	4.10	8.00	4.77	7.15	59.59	B.
10.91	25.00	29.13	2.00	2.50	8.50	6.64	8.12	42.70	As declared on sack.

A—Ingredients on sack differ from license.
B—Unable to detect Linseed Oil Meal.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Harry Clipp, Sharpsburg, Md.		
Clipp's Egg Mash	Sharpsburg	8
Herbert K. Clofine, Philadelphia, Pa.		
Supreme Brand Poultry Feed	Chewsville	-
Supreme Brand Dried Buttermilk	Baltimore	-
Supreme Brand Dried Skimmilk	Baltimore	-
J. Henry Clusman and Co., Baltimore, Md.		
Reliance Laying Mash, with Cod Liver Oil	Baltimore	8.
Fairfield Horse Feed	Baltimore	10.
Cohn and Bock Co., Princess Anne, Md.		
C & B Laying Mash, with 4% Dried Milk	Princess Anne	8.
C & B Chick Starter, with 5% Dried Milk and Cod Liver Oil	Princess Anne	8.
Collis Products Co., St. Paul, Minn.		
Collis Process Dried Buttermilk	Baltimore	-
G. E. Conkey Co., Cleveland, Ohio.		
Conkey's Y-O(Brand) 32% Supplement Mash	Hagerstown	9.
Conkey's Dairy Feed 32% Protein	Hagerstown	8.
Conkey's Y-O(Brand) Egg Mash	Hagerstown	7.
Conkey's Y-O(Brand) Kafmeal	Hagerstown	7.
Conkey's Geccofat Station Fattener, with BM	Hagerstown	8.
L. A. Conner, Newark, Md.		
Made-well Laying Mash	Newark	9.
Made-well Starter or Broiler Mash	Newark	11.
Consolidated By-Product Co., Philadelphia, Pa.		
Consolidated Beef and Bone Scrap	Hagerstown	6.
Consumers Import Co., Inc., New York, N. Y.		
Cico Fish Meal	St. Michaels	6.
Cico Fish Meal	Baltimore	6.
Continental Distilling Corp., Philadelphia, Pa.		
Continental Distillers Grains	Rising Sun	7.
Continental Milling and Feed Co., Ellicott City, Md.		
*Polka Dot Dairy Feed 24%	Ellicott City	8.
Maryland Maide Dairy Feed 24%	Ellicott City	8.
Patapsco Dairy Feed 16%	Raspeburg	9.
‡Polka Dot All Mash Laying Ration	Raspeburg	7.
Continental Laying Mash	Ellicott City	7.
Polka Dot Laying Mash	Ellicott City	7.
Polka Dot Growing Mash	Ellicott City	7.
‡Pre-Ferd Growing Mash	Raspeburg	9.
Continental Horse Feed	Raspeburg	10.
‡Pre-Ferd Horse Feed	Raspeburg	10.
Polka Dot Chick Grains	Ellicott City	10.
Pre-Ferd Scratch Grains	Ellicott City	9.

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.71	20.00	21.24	4.50	5.50	6.00	5.28	7.18	52.09	As declared on sack.
----	11.00	15.80	Trace	----	----	----	----	----	
----	32.00	32.56	5.00	x7.83	----	----	10.65	----	" "
----	32.00	35.28	.25	x.69	----	----	8.04	----	" "
8.98	20.00	19.22	4.50	5.25	7.00	7.37	6.55	52.63	" "
10.12	9.00	11.06	2.50	2.71	10.00	6.63	2.79	66.69	A.
8.54	20.00	20.45	4.50	4.73	6.00	4.56	9.00	52.72	As declared on sack.
8.65	18.00	18.95	5.00	5.81	5.20	3.91	9.94	52.74	" "
----	30.00	31.33	5.00	x5.43	----	----	10.62	----	" "
9.31	32.00	33.26	5.00	6.51	7.00	6.73	15.67	28.52	" "
8.95	32.00	32.26	4.00	4.25	10.00	7.65	9.85	37.04	" "
7.19	20.00	22.38	5.00	6.07	7.00	5.79	11.43	47.14	" "
7.45	24.00	24.31	4.50	5.41	6.00	4.55	5.32	52.96	" "
8.94	14.50	17.90	4.50	5.72	5.00	5.73	5.93	55.78	" "
9.93	19.00	21.24	5.00	5.44	5.00	6.68	10.71	46.00	" "
11.15	17.00	17.99	5.00	4.59	4.50	6.12	7.30	52.85	" "
6.15	50.00	51.99	7.00	8.51	3.00	2.64	33.05	----	" "
6.66	55.00	59.32	1.00	5.12	1.00	.51	17.50	10.89	" "
6.62	55.00	62.22	1.00	6.00	1.00	.80	17.02	7.34	" "
7.16	23.00	23.69	7.00	6.60	15.00	14.10	2.85	45.60	" "
8.06	24.00	22.47	4.00	4.56	10.00	10.79	8.45	45.67	B.
8.40	24.00	23.97	4.50	4.46	9.00	7.55	8.74	46.88	As declared on sack.
9.60	16.00	18.18	4.00	3.88	12.50	10.31	6.99	51.04	C.
7.95	15.75	16.76	3.75	4.97	7.00	7.36	11.03	51.93	As declared on sack.
7.86	20.00	20.01	5.00	4.93	6.00	6.23	12.40	48.57	" "
7.57	20.00	20.80	5.00	5.44	6.00	6.98	12.10	47.11	" "
7.74	16.00	17.55	5.00	5.51	7.00	6.26	10.60	52.34	C.
9.19	16.00	16.58	4.00	4.84	7.00	6.10	10.10	53.19	As declared on sack.
10.10	7.00	8.24	2.50	3.49	13.00	9.84	5.76	62.57	" "
10.69	8.00	8.45	2.00	4.78	14.00	10.80	4.75	60.53	" "
10.0	10.00	10.27	2.50	3.27	5.00	2.12	2.30	71.99	" "
9.22	10.00	10.35	2.50	3.11	5.00	2.62	2.20	72.50	" "

A—Ingredients and Fat guarantee on sack differ from license.
B—Fat guarantee and Ingredients on sack differ from license. Unable to detect Corn and Rye Distillers Grains—also detected Dried Brewers Grains.
C—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Corn Products Refining Co., New York, N. Y.	
Heavy Buffalo Corn Gluten Feed (Sweetened)	Ellicott City
Cumberland Brewing Co., Cumberland, Md.	
Brewers' Wet Grains	Cumberland
Damascus Milling Co., Damascus, Md.	
Mo-Eg Laying Mash	Damascus
King Special Hog Feed	Damascus
Davis Milling Co., Inc., Norfolk, Va.	
‡Dmco Soy Bean Meal	Baltimore
Del-Mar-Va Milling Co., Inc., Snow Hill, Md.	
Staggs Egg Producer	Snow Hill
Staggs Yellow Leg Broiler Ration	Snow Hill
Silver Seal Wheat Bran	Snow Hill
Silver Seal Wheat Middlings	Snow Hill
Denver Alfalfa Milling and Products Co., Lamar, Col.	
Alfalfa Leaf Meal (Leafalfa Brand)	Baltimore
Alfalfa Meal (Triple XXX Brand)	Baltimore
Derwood Mill, Derwood, Md.	
*Derwood 26% Dairy Feed	Derwood
Derwood 20% Dairy Feed	Derwood
Derwood 16% Dairy Feed	Derwood
Derwood Laying Mash	Derwood
Derwood Growing Mash	Derwood
Derwood Turkey Mash	Derwood
Deutsch and Sickert Co., Milwaukee, Wis.	
‡Brewers Dried Grains	Boyds
Dickey Bros., Washington, D. C.	
Capitol Dairy Feed	Hyattsville
Capitol Laying Mash	Hyattsville
Capitol Growing Mash	Hyattsville
Capitol Growing Grains	Hyattsville
Capitol Chick Grains	Hyattsville
Capitol Scratch Grains	Hyattsville
Benning Scratch	Hyattsville
Albert Dickinson Co., Chicago, Ill.	
‡Dickinson's My Lassie Dairy Feed 16%	Baltimore
Dickinson's Globe Broiler Ration	Baltimore
Dietrich and Gambrill, Inc., Frederick, Md.	
Gambrill's A. I. Dairy Feed	Sykesville
Frederick Laying Mash	Berwyn
Gambrill's Laying Mash	Berwyn
Gambrill's Laying Mash	Hagerstown
Gambrill's Hog Meal	Sykesville

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
11.48	20.00	21.94	1.00	1.27	7.00	6.96	6.73	51.62	As declared on sack.
78.12	6.00	6.22	1.50	1.12	5.00	3.74	1.00	9.80	" "
8.18	20.00	20.88	5.00	4.83	8.00	7.39	11.75	46.97	" "
9.44	17.00	16.23	4.50	4.25	9.00	7.47	7.84	54.77	" "
7.27	45.00	49.40	4.00	5.02	7.00	5.86	6.08	26.37	" "
8.22	20.00	20.01	4.50	4.44	7.00	5.16	9.98	52.19	A.
8.30	18.00	18.60	4.00	4.29	6.00	4.76	8.53	55.52	As declared on sack.
8.25	14.00	13.16	3.50	4.62	9.00	10.19	7.85	55.93	" "
9.35	13.00	14.30	3.50	4.32	6.00	4.81	5.48	61.74	" "
7.49	20.00	19.92	1.50	2.67	18.00	18.25	12.83	38.84	B. " "
7.95	14.00	16.85	1.50	1.51	30.00	26.45	9.63	37.61	" "
10.95	26.00	28.33	4.00	3.40	9.00	8.81	7.34	41.17	" "
11.36	20.00	23.45	4.00	3.68	12.00	9.47	6.77	45.27	" "
9.84	16.00	19.62	4.00	5.08	10.00	12.21	6.93	64.32	A.
8.59	20.00	22.55	4.00	5.88	8.00	7.62	10.24	45.12	A.
8.49	19.00	20.62	4.00	6.50	7.00	6.84	10.74	46.81	As declared on sack.
8.66	21.00	21.67	4.00	5.44	6.00	9.72	14.40	40.11	C.
6.03	24.00	31.15	7.00	7.34	18.00	13.24	3.99	38.25	As declared on sack.
6.08	20.00	21.94	4.00	4.69	11.00	7.28	6.44	53.57	" "
8.35	20.00	21.67	5.00	5.01	7.00	7.33	8.46	49.18	" "
8.28	16.00	19.83	4.00	4.54	7.00	7.10	7.30	52.95	A.
8.78	10.10	10.44	3.00	3.07	3.00	1.99	2.25	73.47	As declared on sack.
7.67	10.00	11.41	3.00	4.40	3.00	2.30	2.30	71.92	" "
7.62	10.00	10.00	2.50	3.00	4.00	2.99	1.78	74.61	" "
8.08	10.00	10.00	3.00	2.58	5.00	3.39	2.30	73.65	D.
10.90	16.00	16.04	3.00	3.38	12.00	11.08	7.29	51.31	As declared on sack.
7.84	15.00	18.08	2.50	5.28	5.50	5.12	11.62	52.06	" "
9.35	24.00	24.78	4.60	4.30	9.00	8.98	8.02	44.57	" "
7.08	18.00	20.53	4.00	4.89	8.00	6.04	5.88	55.58	" "
6.70	20.00	21.94	5.00	6.13	7.00	6.34	9.31	49.58	" "
7.61	20.00	21.59	5.00	5.87	7.00	6.31	6.50	52.12	" "
9.01	18.00	20.12	4.00	4.20	8.00	7.06	8.00	51.61	A.

A—Ingredients on sack differ from license.
B—Fat guarantee on sack differs from license.
C—Fibre guarantee and ingredients on sack differ from license.
D—Buckwheat declared on license but not on sack.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Dietrich and Gambrill, Inc., Frederick, Md. (Continued)		
Gambrill's Hog Meal	Hagerstown	10
Pen Mar Mixed Grains	Berwyn	8
Dried Beet Pulp	Waldorf	7
Frederick Scratch Feed	Berwyn	7
D. & G. Turkey Growing Mash	Ellicott City	8
D. & G. Rabbit Feed	Baltimore	8
T. M. Dinsmore and Co., Inc., Baltimore, Md.		
Dinsco Oat Feed	Baltimore	5.
Donahue-Stratton Co., Milwaukee, Wis.		
‡"Hiquality" Brewers Dried Grains	Ingleside	9.
‡"Hiquality" Brewers Dried Grains	Frederick	5.
"Hiquality" Brewers Dried Grains	Elkton	6.
‡"Onxy" Dried Grains	Washington Grove	8.
Dothan Oil Mill Co., Dothan, Ala.		
*First Grade Peanut Meal	Baltimore	5.
First Grade Peanut Meal	Baltimore	7.
Doughnut Corp. of America, Ellicott City, Md.		
Domaco Pure Wheat Bran	Raspeburg	8.
Domaco Winter Wheat Mill Feed	Raspeburg	9.
Dry Milk Products Co., Columbus, Ohio.		
Pure Dried Buttermilk	Baltimore	
Pure Dried Skimmilk	Salisbury	
Pure Dried Skimmilk	Frederick	
Dryden Milling Co., Pocomoke City, Md.		
Dryden's Laying Mash	Pocomoke City	10.0
Dryden's Growing Mash	Pocomoke City	9.2
Dryden's Starting Feed	Pocomoke City	9.1
Ezl. Dunwoody Co., Philadelphia, Pa.		
Super X Dehydrated Alfalfa Poultry Greens	Berlin	8.0
Eagle Mills, Pocomoke City, Md.		
*R.C.D. Laying Mash	Pocomoke City	8.2
Old Virginia Broiler Ration	Pocomoke City	9.2
Dryden's Chick Starter	Pocomoke City	9.5
Turkey Trot Starter and Grower	Pocomoke City	9.3
Eagle Roller Mill Co., New Ulm, Minn.		
Eagle Pure Wheat Bran	Baltimore	8.63
Early and Daniel Co., Cincinnati, Ohio.		
Tuxedo Dairy 33%	Oakland	8.81
Tuxedo Dairy 20%	Oakland	9.57
Tuxedo Dairy 16%	Oakland	9.46
Cincy Egg Mash	Salisbury	9.99
Tuxedo Egg Mash	Cumberland	9.70

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein Guaranteed	Protein FOUND	Fat Guaranteed	Fat FOUND	Fibre Guaranteed	Fibre FOUND	Ash	Nitrogen Free Extract	Ingredients
10.19	18.00	**19.91**	4.00	**5.08**	8.00	**6.54**	**7.30**	**50.98**	As declared on sack.
8.58	10.00	**10.27**	2.50	**2.70**	3.00	**1.92**	**1.74**	**74.79**	" "
7.45	7.00	**8.07**	.30	**.64**	22.50	**19.51**	**3.03**	**61.30**	" "
7.95	10.00	**10.62**	2.50	**3.20**	4.00	**3.06**	**1.86**	**73.31**	" "
8.09	20.00	**23.25**	4.00	**7.25**	8.00	**7.70**	**12.10**	**41.61**	" "
8.41	14.00	**14.74**	3.50	**3.94**	9.50	**6.48**	**8.03**	**58.40**	A.
5.60	5.00	**5.62**	1.50	**1.61**	30.00	**30.85**	**5.82**	**50.50**	As declared on sack.
9.91	24.00	**29.40**	5.00	**6.10**	19.00	**12.00**	**4.20**	**38.39**	" "
5.52	24.00	**31.24**	5.00	**5.48**	19.00	**13.05**	**4.91**	**39.80**	" "
6.59	24.00	**31.99**	5.00	**6.57**	19.00	**13.01**	**3.67**	**38.17**	" "
8.88	20.00	**21.67**	6.00	**6.05**	19.00	**18.62**	**2.04**	**42.74**	" "
5.43	45.00	**43.20**	6.00	**8.21**	12.00	**17.56**	**4.95**	**20.65**	" "
7.99	45.00	**45.81**	6.00	**7.37**	12.00	**11.89**	**4.37**	**22.57**	" "
8.58	14.50	**14.04**	4.00	**4.14**	9.50	**9.88**	**8.32**	**55.04**	" "
9.70	14.00	**14.22**	3.50	**4.62**	8.50	**7.57**	**5.76**	**58.13**	B. " "
----	30.00	**32.38**	5.50	x**8.33**	----	----	**10.63**	----	" "
----	32.00	**34.31**	.50	x**1.25**	----	----	**7.86**	----	" "
----	32.00	**33.98**	.50	x**1.23**	----	----	**7.62**	----	" "
10.04	18.00	**19.66**	4.50	**4.60**	8.00	**7.56**	**7.77**	**50.37**	" "
9.20	16.00	**17.72**	3.50	**5.31**	5.00	**5.38**	**7.61**	**54.78**	" "
9.13	15.50	**17.11**	3.00	**3.66**	5.50	**5.67**	**7.50**	**56.93**	" "
8.01	17.00	**17.20**	2.00	**2.53**	25.00	**23.39**	**9.21**	**39.66**	" "
8.22	20.00	**20.18**	5.00	**4.35**	8.00	**7.14**	**7.98**	**52.13**	" "
9.23	16.00	**17.20**	5.00	**4.74**	6.00	**6.07**	**5.79**	**56.97**	" "
9.51	16.00	**17.90**	4.50	**4.61**	6.00	**4.28**	**5.94**	**57.76**	C.
9.30	19.00	**20.18**	4.50	**4.49**	7.00	**6.11**	**10.50**	**49.42**	As declared on sack.
8.63	15.00	**16.94**	4.00	**4.58**	12.00	**11.11**	**8.20**	**50.54**	" "
8.81	33.00	**33.35**	4.00	**4.60**	8.50	**6.96**	**10.23**	**36.05**	" "
9.57	20.00	**20.46**	3.75	**3.72**	12.00	**9.23**	**8.42**	**48.60**	" "
9.46	16.00	**15.47**	3.75	**3.60**	12.50	**11.13**	**8.39**	**51.95**	" "
9.99	20.00	**20.07**	4.00	**4.12**	7.50	**8.06**	**11.54**	**46.22**	" "
9.70	18.00	**19.07**	4.00	**4.16**	7.00	**5.79**	**7.53**	**53.75**	" "

A—Fat and Fibre guarantee and Ingredients on sack differ from license.
B—Fat and Fibre guarantee on sack differ from license.
C—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Early and Daniel Co., Cincinnati, Ohio (Continued)		
Tuxedo Eggmaker Mash	Oakland	9
Tuxedo Eggmaker Mash	Oakland	10
Tuxedo Worming Mash	Salisbury	8
Tuxedo Poultry Fattener	Oakland	7
Alfalfa Meal	Pocomoke City	8
Cincy Sweet Stock Feed	Frostburg	10
Cincy Sweet Stock Feed	Frostburg	10
Tuxedo Pig Meal	Frostburg	8
Tuxedo Pig Meal	Salisbury	9
East Coast Trading Co., Baltimore, Md.		
Oberco 50% Meat and Bone Scrap	Chewsville	5
Oberco 50% Meat and Bone Scrap	Chestertown	7
*East Coast Pure Fish Meal	Detour	5
Eastern Grain Growers, Hagerstown, Md.		
Magic Dairy Feed	Hagerstown	9
Magic Poultry Mash	Hagerstown	8
Magic Hog Ration	Hagerstown	8
Eastern Service Corp., Cambridge, Md.		
"Esco" No. 1 Egg Mash	Cambridge	8
Eastern States Farmers' Exchange, Springfield, Mass.		
‡E.S. Egg Mash	Snow Hill	9
‡E.S. Scratch Grains 1931	Snow Hill	10
‡E.S. Turkey-Fat	Snow Hill	9
Easton Milling Co., Easton, Md.		
Talbot 32% Special	Easton	8
†Talbot 20% Dairy Special	Easton	9
Talbot Growing Mash	Easton	9
B. A. Eckhart Milling Co., Chicago, Ill.		
‡Rye Middlings, with Ground Recleaned Rye Screen. N. Ex. M. R.	Frederick	8.7
W. T. Eddington and Son, Federalsburg, Md.		
†Eddington's Best Laying Mash, with DBM. and Cod Liver Oil	Federalsburg	8.5
Eddington's Special Laying Mash, with DBM. and Cod Liver Oil	Federalsburg	8.7
†Eddington's Best Laying Mash	Federalsburg	9.7
*Eddington's Special Laying Mash	Federalsburg	10.0
Enterprise Tallow and Grease Co., Philadelphia, Pa.		
Del-Mar-Va Meat and Bone	Westover	6.0
Del-Mar-Va Meat and Bone	Pocomoke City	7.0
John W. Eshelman and Sons, Lancaster, Pa.		
Eshelman Red Rose 24 Dairy Feed	Sudlersville	9.0
Eshelman Challenge Dairy Feed	Aldino	8.27
Eshelman Conestoga 20 Dairy Feed	Elkton	8.36
Eshelman Conestoga 20 Dairy Feed	Baltimore	10.34
Eshelman Lancaster 20 Dairy Feed	Sudlersville	8.64

*Deficient in protein or fat.
‡Not licensed at time of sale.
†Deficient in both protein and fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.34	20.00	**21.52**	4.00	**4.61**	7.00	**6.98**	**8.08**	**49.47**	As declared on sack.
10.59	20.00	**20.04**	4.00	**4.33**	7.00	**5.84**	**8.01**	**51.19**	" "
8.86	18.00	**20.31**	4.00	**5.01**	7.00	**7.93**	**9.87**	**48.02**	" "
7.97	14.00	**17.29**	4.50	**5.71**	6.00	**6.85**	**4.62**	**57.56**	" "
8.47	13.00	**18.87**	1.00	**1.43**	33.00	**26.56**	**9.74**	**34.93**	" "
10.03	9.00	**10.54**	3.50	**3.68**	11.00	**7.42**	**7.65**	**60.68**	A. " "
10.99	9.00	**11.00**	3.00	**3.07**	11.00	**6.47**	**7.50**	**60.97**	" "
8.01	14.50	**16.90**	4.50	**4.52**	7.00	**8.18**	**7.30**	**55.09**	" "
9.89	14.50	**16.52**	4.50	**4.83**	7.00	**6.71**	**5.61**	**56.44**	" "
5.07	50.00	**49.05**	8.00	**12.75**	3.00	**1.84**	**29.68**	**1.61**	" "
7.19	50.00	**50.37**	8.00	**11.65**	3.00	**2.49**	**26.45**	**1.85**	" "
5.99	60.00	**58.80**	5.00	**5.85**	3.00	**2.94**	**19.20**	**7.22**	" "
9.17	16.50	**17.24**	3.50	**3.02**	12.00	**12.29**	**8.07**	**50.21**	B.
8.70	16.00	**17.72**	4.00	**5.18**	6.00	**6.12**	**9.35**	**52.93**	C.
8.89	20.00	**19.92**	5.00	**5.12**	5.00	**5.53**	**8.78**	**51.76**	As declared on sack.
8.46	18.50	**20.53**	4.00	**5.91**	7.50	**5.94**	**9.13**	**50.03**	" "
9.76	17.00	**18.60**	4.00	**6.04**	6.50	**5.96**	**10.06**	**49.58**	" "
10.43	9.50	**11.06**	2.50	**4.07**	3.00	**2.12**	**1.75**	**70.57**	" "
9.41	16.00	**18.52**	3.50	**4.64**	5.50	**5.11**	**8.59**	**53.73**	" "
8.07	32.00	**31.17**	4.50	**4.82**	9.00	**6.80**	**9.60**	**39.54**	D.
9.36	20.00	**18.68**	5.00	**4.16**	9.00	**5.86**	**8.01**	**53.93**	E.
9.26	18.00	**18.25**	4.90	**4.86**	6.25	**5.10**	**9.71**	**52.82**	F.
8.71	14.50	**16.41**	2.50	**3.08**	10.00	**8.18**	**4.64**	**58.98**	As declared on sack.
8.56	20.00	**15.97**	5.80	**4.70**	7.00	**6.21**	**13.65**	**50.91**	G.
8.76	15.27	**14.39**	3.67	**4.55**	5.67	**5.89**	**12.29**	**54.12**	As declared on sack.
9.78	20.00	**16.23**	5.80	**4.96**	7.00	**6.35**	**11.50**	**51.18**	H.
10.08	15.27	**14.22**	3.67	**3.99**	5.67	**5.42**	**12.15**	**54.14**	As declared on sack.
6.01	50.00	**51.78**	10.00	**9.55**	2.00	**1.38**	**28.93**	**2.35**	" "
7.00	50.00	**50.55**	10.00	**9.87**	2.00	**1.34**	**29.42**	**1.82**	" "
9.07	24.00	**25.40**	4.00	**4.41**	11.00	**9.18**	**7.39**	**44.55**	" "
8.27	24.00	**25.90**	4.00	**4.63**	11.00	**8.65**	**7.79**	**44.76**	" "
8.36	20.00	**22.42**	4.00	**4.04**	11.00	**9.90**	**10.22**	**45.06**	" "
10.34	20.00	**21.78**	4.00	**3.92**	11.00	**8.85**	**8.13**	**46.98**	" "
8.64	20.00	**22.86**	4.00	**4.70**	11.00	**8.28**	**7.29**	**48.23**	" "

A—Fat guarantee on sack differs from license.
B—Also detected Corn Gluten Meal and Ground Barley.
C—Unable to detect Gluten Meal.
D—Fibre guarantee and Ingredients on sack differ from license.
E—Fat and Fibre guarantee and Ingredients on sack differ from license.
F—Protein; Fat and Fibre guarantee and Ingredients on sack differ from license.
G—Also detected Grit.
H—Also detected Calcium Carbonate Grit.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
John W. Eshelman and Sons, Lancaster, Pa. (Continued)		
‡Eshelman Maintenance 20% Dairy Feed	Bel Air	9
‡Eshelman Maintenance 16% Dairy Feed	Cardiff	9
Eshelman Pennsy 16 Dairy Feed	Annapolis	10
Eshelman Pennsy 16 Dairy Feed	Hagerstown	10
Eshelman Pennsy Laying Mash, with Cod Liver Oil	Cumberland	9
Eshelman Pennsy Laying Mash, with Cod Liver Oil	Cardiff	10
Eshelman Red Rose Laying Mash, with Cod Liver Oil	Elkton	9
Eshelman Red Rose Laying Mash	Reisterstown	8
Eshelman Red Rose Laying Mash	Denton	7
Eshelman Red Rose Laying Mash	Frederick	8
Eshelman Red Rose Growing Mash, with Cod Liver Oil	Denton	7
Eshelman Red Rose Broiler Ration, with Cod Liver Oil	Elkton	8
Eshelman Lancaster 60 Horse Feed	Baltimore	11
Eshelman S-O-S	Annapolis	10
‡Eshelman Red Rose Steer Feed	Hagerstown	10
Eshelman Red Rose Calf Starter	Clinton	9
Eshelman Red Rose Turkey Grower, with Cod Liver Oil	Baltimore	8
Fairfield-Western Maryland Dairy, Baltimore, Md.		
Skim Milk Powder	Baltimore	
Farmers Cooperative Association, Inc., Frederick, Md.		
32% Co Operative Supplement	Frederick	9
*24% Milk Producer	Frederick	10
16% Dairy	Frederick	10
Co Operative Egg Producer	Frederick	9
Co Operative Growing Mash	Frederick	8
Dried Grains and Molasses	Frederick	9
Farmers Fertilizer and Feed Co., Westminster, Md.		
Farmer's 24% Dairy Feed	Westminster	7
Farmer's Favorite Laying Mash	Westminster	8
Farm Service Stores, Inc., Baltimore, Md.		
Farm-A-Serv Egg Mash	Baltimore	12
Farmers Supply Co., Denton, Md.		
Fasuco Laying Mash	Denton	7
Fasuco Hog Feed	Denton	8
Farmers Supply Co., Walkersville, Md.		
Hog Feed	Walkersville	10
Federal Milling Co., Hagerstown, Md.		
Federal Grow Big Hog Feed	Cumberland	8
Federal Pigeon Feed	Hagerstown	9
Feed Products Co., Baltimore, Md.		
*41% Protein Cottonseed Meal Prime Quality	Frederick	6
*41% Protein Cottonseed Meal Prime Quality	Ingleside	7
41% Protein Cottonseed Meal Prime Quality	Ellicott City	7

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.60	20.00	20.45	4.00	4.38	11.00	8.61	8.93	48.03	A. As decl'd on sack.
9.87	16.00	17.64	3.00	3.72	11.00	11.65	9.22	47.90	A. " "
10.60	16.00	17.09	3.00	3.80	11.00	10.01	9.24	49.26	" "
10.17	16.00	17.78	3.00	4.48	11.00	10.61	9.09	47.87	" "
9.92	18.00	19.47	5.00	4.90	8.00	8.09	8.78	48.84	" "
10.03	18.00	17.96	5.00	6.66	8.00	7.87	7.50	49.98	" "
9.17	20.00	22.38	5.00	6.07	7.00	6.52	9.15	46.71	" "
8.61	20.00	21.41	5.00	5.93	7.00	6.26	8.70	49.09	" "
7.35	20.00	21.94	5.00	5.95	7.00	6.98	9.80	47.98	" "
8.10	20.00	21.67	5.00	5.84	7.00	5.62	8.94	49.83	" "
7.76	16.00	18.87	4.00	5.69	7.00	6.50	8.18	53.00	" "
8.90	17.00	19.39	4.50	5.38	7.00	6.07	8.35	51.91	" "
11.30	9.00	10.23	2.50	2.74	11.00	6.57	5.11	64.05	" "
10.06	11.00	15.38	2.00	3.04	15.00	15.03	9.38	47.11	" "
10.05	18.00	19.60	2.50	3.97	14.00	13.36	9.21	43.81	" "
9.84	20.00	22.55	3.00	4.55	5.00	5.07	5.91	52.08	" "
8.18	18.00	18.08	4.25	5.71	7.00	6.96	6.77	54.30	" "
----	33.00	34.75	.50	x1.20	----	----	7.95	----	" "
9.47	32.00	34.36	3.00	3.01	7.00	6.58	5.44	41.14	" "
10.00	24.00	27.47	3.50	2.48	12.00	8.37	8.50	43.18	" "
10.01	16.00	17.70	3.00	3.16	14.00	11.33	8.13	49.67	B.
9.97	20.00	19.95	4.00	4.36	7.00	5.18	8.41	52.13	As declared on sack.
8.00	18.00	17.55	4.00	4.99	8.00	5.36	5.23	58.87	" "
9.16	15.00	14.61	3.50	5.71	15.00	13.55	2.41	54.56	" "
7.41	24.00	25.62	4.00	4.42	12.00	11.48	10.60	40.47	" "
8.66	20.00	21.06	4.50	4.79	10.00	6.35	8.05	51.09	E. " "
12.15	19.00	20.27	4.00	3.96	8.50	6.57	9.10	47.95	" "
7.66	20.00	20.01	5.00	4.71	8.00	5.89	9.52	52.21	C.
8.14	15.00	14.74	4.00	4.79	7.00	4.65	7.18	60.50	As declared on sack.
10.03	15.00	18.21	4.00	3.80	4.50	5.75	4.64	57.57	D.
8.98	14.50	14.22	4.50	4.78	8.00	4.37	4.63	63.02	As declared on sack.
9.22	10.00	13.42	2.50	4.12	6.50	4.71	3.55	64.98	" "
6.45	41.00	38.87	5.50	6.22	13.00	14.29	5.83	28.34	" "
7.89	41.00	36.86	5.50	5.48	13.00	14.79	5.43	29.55	" "
7.01	41.00	40.63	5.50	6.03	13.00	12.24	7.30	26.79	" "

A—Fibre guarantee on sack differs from license.
B—Also detected Corn Gluten Meal and Linseed Oil Meal.
C—Ingredients on sack differ from license.
D—Unable to detect Molasses.
E—Fat guarantee on sack differs from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Felton and Kelly, Frederick, Md.	
Egg Maker	Frederick
Fernando Valley Milling and Supply Co., Los Angeles, Calif.	
Fernando Ideal Green Alfalfa Leaf Meal	Princess Anne
Fisher and Fallgatter, Waupaca, Wis.	
‡Rye Middlings	Frederick
Fullerton Supply Co., Overlea, Md.	
Fullerton's Laying Mash	Overlea
Gall and Smith, Thurmont, Md.	
G. & S. Laying Mash	Thurmont
Gambrill Grain Products Co., Baltimore, Md.	
Skor 20% Dairy Feed	Baltimore
Gambrill's Aliceanna Laying Mash	Baltimore
Hen-Lay Laying Mash	Baltimore
Gambrill's A-A Fattening Mash	Baltimore
‡Gambrill's A-A Fattening Mash	Baltimore
Gardiner and Yowaiski Milling Co., Chaptico, Md.	
Chaptico Laying Mash	Chaptico
Superior Growing Mash, with Cod Liver Oil and BM.	Chaptico
General Commodity Corp., Buffalo, N. Y.	
Old Sol Dried Skimmilk	Baltimore
Old Sol Dried Skimmilk	Denton
General Mills, Inc., Minneapolis, Minn.	
Eventually Gold Medal Egg Mash	Baltimore
Glade Valley Milling Co., Walkersville, Md.	
Gee-Vee Dairy Feed	Walkersville
Gee-Vee Laying Mash	Walkersville
Goldsboro Milling Co., Goldsboro, Md.	
Marvil Five Point Mash	Goldsboro
Great Atlantic and Pacific Tea Co., New York, N. Y.	
Milky Way Dairy Feed 20%	Oakland
Daily Milk Dairy Feed	Oakland
Daily Egg Mash Feed	Oakland
Green Acre Farms, Nazareth, Pa.	
Green Acres Brand Super Quality Alfalfa Meal	Hagerstown
Green-Mish Co., Washington, D. C.	
"Green Tag Brand" Prime Peanut Meal	Monrovia
"Green Tag Prime" Cotton Seed Meal	Detour

‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.64	18.00	**17.55**	5.00	**4.71**	5.00	**6.53**	**8.30**	**52.27**	As declared on sack.
7.15	20.00	**21.94**	2.50	**3.65**	18.00	**21.41**	**9.46**	**36.39**	" "
7.46	16.00	**17.81**	3.50	**4.98**	7.00	**6.13**	**5.43**	**58.19**	" "
8.66	20.00	**20.27**	4.50	**4.73**	6.50	**6.20**	**10.25**	**49.89**	" "
9.55	20.00	**20.62**	4.00	**4.57**	10.00	**4.61**	**8.43**	**52.22**	" "
9.29	20.00	**20.52**	4.00	**4.63**	13.00	**12.52**	**5.22**	**47.82**	" "
9.56	20.00	**20.18**	3.50	**5.79**	8.00	**5.64**	**7.80**	**51.03**	" "
9.93	18.00	**19.31**	3.50	**4.99**	8.00	**5.83**	**7.46**	**52.48**	" "
8.56	14.00	**15.97**	4.00	**7.88**	6.00	**5.29**	**4.80**	**57.50**	" "
8.34	14.00	**17.90**	4.80	**4.99**	5.00	**5.56**	**5.35**	**57.86**	A.
8.91	20.00	**19.48**	5.00	**5.40**	6.50	**5.80**	**8.16**	**52.25**	As declared on sack.
9.92	17.00	**18.95**	4.25	**4.42**	5.00	**5.30**	**10.79**	**50.62**	" "
----	32.00	**34.05**	.50	x **.79**	----	----	**7.99**	----	" "
----	32.00	**34.22**	.50	x **.63**	----	----	**7.12**	----	" "
7.94	19.00	**20.53**	5.00	**5.08**	8.00	**7.39**	**12.63**	**46.43**	" "
8.37	20.00	**21.59**	3.00	**4.53**	9.00	**8.91**	**6.50**	**50.10**	" "
8.66	20.00	**20.53**	5.00	**5.34**	6.00	**4.87**	**9.57**	**51.03**	" "
7.93	20.00	**21.41**	4.50	**4.45**	9.00	**8.86**	**7.30**	**50.05**	B.
9.60	20.00	**20.86**	3.50	**3.63**	9.00	**8.67**	**11.85**	**45.39**	As declared on sack.
10.04	16.00	**17.29**	4.00	**4.38**	12.00	**11.25**	**9.75**	**47.29**	" "
7.19	20.00	**21.59**	4.50	**4.68**	7.00	**7.03**	**12.14**	**47.37**	" "
5.66	13.00	**14.39**	2.00	**2.31**	30.00	**24.91**	**15.32**	**37.41**	" "
8.31	45.00	**47.30**	6.00	**6.04**	12.00	**10.22**	**6.45**	**21.68**	" "
7.30	41.00	**42.21**	5.00	**6.02**	13.00	**10.54**	**6.20**	**27.73**	" "

A—Ingredients on sack differ from license. Also detected Cottonseed Meal and Ground Barley. Contains larger amount of Salt than 1% declared—unable to detect Linseed Meal.

B—Ingredients on sack differ from license.

X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
W. D. Groff, Owings Mills, Md.	
Wil-Gro Laying Mash	Owings Mills
Hales and Hunter Co., Chicago, Ill.	
Special Red Horn 24% Dairy Feed	Annapolis
Special Red Horn 24% Dairy Feed	Baltimore
Special Red Horn 20% Dairy Feed	Annapolis
†Gold Flake Dairy Feed	Baltimore
Red Comb Egg Mash, with DBM.	Annapolis
Red Comb Egg Mash, with DBM.	Baltimore
Kingfalfa Horse Feed	Baltimore
‡H. & H. Pig and Hog Balancer	Cumberland
‡Pioneer Pig and Hog Feed	Cumberland
Red Comb Chick Starter, with DBM.	Annapolis
Red Comb Crate Fattener, with Rolled Oats	Cumberland
‡Red Comb Crate Fattener, with Rolled Oats	Baltimore
‡Morning Glory Coarse Chick N. G.	Baltimore
Red Comb Turkey Grower, with DBM.	Baltimore
‡Red Comb Turkey Grower, with DBM.	Cumberland
Victoria Rabbit Feed	Baltimore
Dwight Hamlin Co., Pittsburgh, Pa.	
Hamlin's Dried Brewers Grains	Hagerstown
Hampstead Fertilizer Co., Hampstead, Md.	
Home Made Hog Feed	Hampstead
Hancock Flour and Feed Co., Hancock, Md.	
Potomac Laying Mash	Hancock
Potomac Starting and Growing Mash	Hancock
Frank Harbaugh, Middleburg, Md.	
Use More Egg and Growing Mash	Middleburg
Use More Pig and Hog Meal	Middleburg
Hecker-Jones-Jewell Milling Div. of Standard Milling Co., Buffalo, N. Y.	
Wheat Red Dog	Baltimore
Hershey Creamery Co., Harrisburg, Pa.	
Hershey's Superior Powdered Skim Milk	Maugansville
Hespenheide and Thompson, York, Pa.	
Dictator 24% Dairy Feed	Baltimore
York Laying Mash	Baltimore
Premier Growing Mash	Baltimore
Premier Pig and Hog Meal	Taneytown
John P. Howard, Hagerstown, Md.	
Howard's Poultry Mash	Hagerstown

†Deficient in both protein and fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.90	18.00	**19.48**	5.00	**4.92**	8.00	**7.95**	**8.60**	**50.15**	As declared on sack.
8.97	24.00	**24.07**	4.00	**4.02**	11.00	**9.48**	**9.45**	**44.01**	" "
8.00	24.00	**25.45**	4.00	**3.82**	11.00	**9.62**	**8.76**	**44.35**	" "
9.63	20.00	**21.41**	4.00	**4.01**	11.00	**9.56**	**8.09**	**47.30**	" "
11.11	16.00	**14.85**	3.50	**2.16**	15.00	**13.74**	**9.02**	**49.12**	" "
8.01	18.00	**19.48**	4.00	**6.27**	7.00	**6.69**	**8.37**	**51.18**	" "
9.51	18.00	**20.62**	4.00	**5.88**	7.00	**6.63**	**8.26**	**49.10**	" "
10.39	9.00	**11.53**	2.50	**3.06**	10.00	**6.31**	**4.17**	**64.54**	" "
10.42	35.00	**35.05**	5.00	**5.14**	7.50	**7.36**	**12.79**	**29.23**	" "
10.97	20.00	**21.34**	4.00	**4.00**	8.00	**6.52**	**11.46**	**45.71**	" "
9.65	18.00	**20.53**	4.00	**4.72**	6.00	**5.76**	**8.00**	**51.34**	" "
9.45	13.00	**15.36**	4.00	**4.80**	6.00	**5.89**	**3.82**	**60.68**	" "
10.04	13.00	**16.76**	4.00	**4.85**	6.00	**5.44**	**5.00**	**57.91**	" "
9.94	10.00	**10.85**	2.50	**2.61**	5.00	**3.12**	**2.93**	**70.55**	" "
9.22	21.00	**22.64**	4.00	**4.98**	7.00	**6.51**	**9.70**	**46.95**	" "
10.60	21.00	**22.82**	4.00	**4.82**	7.00	**6.13**	**10.36**	**45.27**	" "
11.01	12.00	**12.87**	2.00	**2.13**	20.00	**14.54**	**9.68**	**49.77**	" "
9.38	24.00	**28.08**	6.00	**6.02**	18.00	**14.17**	**4.35**	**38.00**	" "
9.01	15.00	**15.01**	4.00	**5.18**	8.00	**7.50**	**6.10**	**57.20**	" "
7.08	20.00	**20.01**	4.50	**5.08**	6.50	**5.91**	**10.00**	**51.92**	A.
8.27	17.00	**18.52**	4.50	**5.49**	5.25	**5.12**	**9.90**	**52.70**	As declared on sack.
8.50	20.00	**21.94**	4.00	**4.45**	7.00	**6.54**	**11.55**	**47.02**	" "
8.35	19.00	**18.96**	5.00	**5.05**	5.00	**4.39**	**6.25**	**57.00**	" "
10.14	15.00	**17.29**	4.25	**3.84**	4.00	**2.15**	**2.24**	**64.34**	" "
----	32.00	**34.75**	.25	x **.68**	----	----	**6.87**	----	" "
8.94	24.00	**24.32**	3.50	**3.51**	12.00	**8.10**	**6.44**	**48.69**	" "
9.45	18.00	**18.87**	3.00	**3.05**	7.50	**7.57**	**7.70**	**53.36**	" "
7.33	17.00	**17.72**	4.00	**8.23**	7.00	**7.68**	**9.50**	**49.54**	" "
8.96	16.00	**17.99**	4.00	**6.09**	7.00	**6.35**	**9.00**	**51.61**	" "
7.82	18.00	**18.08**	5.00	**4.74**	7.00	**5.71**	**13.00**	**50.65**	B.

A—Also detected Charcoal.
B—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Hubbard Milling Co., Mankato, Minn.	
Hubbard's Sunshine Concentrate	Hagerstown
Hubbard's Sunshine Egg Mash	Mt. Lake Park
‡Hubbard's Sunshine Egg Mash	Mt. Lake Park
‡Hubbard's Sunshine Broiler Mash	Mt. Lake Park
Hubbard's Sunshine Turkey Growing Mash	Mt. Lake Park
Wilbur Ross Hubbard, Chestertown, Md.	
‡Chesapeake 50% Meat and Bone Scrap	Chestertown
Humphreys-Godwin Co., Memphis, Tenn.	
Dixie Brand 41% Protein Prime Cottonseed Meal	Denton
Dixie Brand 41% Protein Prime Cottonseed Meal	Westminster
Hurlock Milling Co., Hurlock, Md.	
Best Quality Laying Mash	Hurlock
Best Quality Pig and Hog Meal	Hurlock
Huston, Culver and Co., Seaford, Del.	
Fish Meal	Preston
Independent Manufacturing Co.. Philadelphia, Pa.	
*Independent's 55% Meat Scrap and Bone	St. Michaels
Independent's 55% Meat Scrap and Bone	St. Michaels
Independent's 50% Meat Scrap and Bone	St. Michaels
*Independent's 50% Meat Scrap and Bone	Elkton
Ingleside Milling Co., Ingleside, Md.	
Ingleside Laying Mash	Ingleside
Ingleside Turkey Mash	Ingleside
R. D. Johnson Milling Co., Cumberland, Md.	
*Atlas Dairy Feed	Cumberland
Atlas Egg Mash	Cumberland
Frank C. Kaetzel, Gapland, Md.	
"Veltex" Alfalfa Meal	Baltimore
"Veltex" Alfalfa Meal	Baltimore
Kasco Mills, Inc., Waverly, N. Y.	
Kasco 32% Mixing Feed	Annapolis
*Oc-Sak 24% Dairy Feed	Hancock
Apex 20% Dairy Ration	Grantsville
Kasco 20% Milk Maker	Annapolis
Kasco 16% Dairy Feed	Cumberland
Apex Laying Mash	Annapolis
Oc-Sak Laying Mash	Annapolis
Apex Complete Grower	Annapolis
Kasco Poultry Flushing Mash	Annapolis
Kasco Horse Feed	Annapolis
Kasco Pig Hog Feed	Oakland
Oc-Sak Hog Meal	Oakland
Kasco All Mash Chick Food	Annapolis
Kasco Turkey Grower	Annapolis

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.82	32.00	32.47	5.00	5.07	7.00	6.87	13.24	34.53	As declared on sack.
7.81	20.00	20.36	4.50	5.98	7.50	7.41	8.47	49.97	" "
9.97	20.00	21.15	4.50	5.94	7.50	7.21	8.48	47.25	" "
9.95	16.00	17.20	5.00	5.87	6.00	6.35	6.57	54.06	" "
9.37	20.00	21.32	5.00	6.19	6.00	6.44	7.95	48.73	A. " "
6.30	50.00	53.66	8.00	13.41	3.00	1.50	21.89	3.24	" "
7.32	41.00	40.72	5.00	6.16	12.00	12.51	5.85	27.44	" "
6.42	41.00	43.61	5.00	5.92	12.00	10.49	6.25	27.31	" "
9.19	20.00	21.76	4.50	4.30	9.50	7.90	11.40	45.45	" "
9.03	20.00	20.62	4.50	4.42	8.00	5.31	9.80	50.82	B.
7.60	55.00	59.32	4.00	8.60	1.00	.71	20.35	3.42	As declared on sack.
4.44	55.00	53.62	8.00	11.56	3.00	2.22	27.66	.50	" "
6.45	55.00	54.23	8.00	8.68	3.00	1.97	25.33	3.34	" "
5.89	50.00	49.67	8.00	13.33	3.00	2.52	30.73	----	" "
6.88	50.00	48.62	8.00	12.62	3.00	1.62	29.00	1.26	" "
8.79	17.00	19.66	3.50	5.42	9.50	8.94	10.70	46.49	" "
6.83	20.00	22.99	4.50	5.78	10.00	8.97	12.04	43.39	B.
6.67	22.00	18.87	4.90	6.60	10.00	7.25	7.64	52.97	As declared on sack.
7.41	18.00	22.38	4.00	6.46	7.00	5.53	10.08	48.14	" "
7.95	15.00	16.76	1.50	1.54	33.00	29.67	8.47	35.61	" "
7.45	15.00	16.19	1.50	1.31	33.00	30.94	7.40	36.71	" "
9.27	32.00	31.61	5.00	4.78	10.00	7.44	5.98	40.92	" "
9.14	24.00	22.49	4.00	4.27	12.00	11.11	7.80	45.19	" "
9.09	20.00	20.25	3.50	3.87	12.00	13.30	7.64	45.85	" "
9.85	20.00	22.60	4.00	3.56	11.00	11.12	6.63	46.24	" "
9.81	16.00	17.68	3.50	4.56	12.00	12.30	9.80	45.85	" "
8.98	20.00	20.53	4.00	5.16	8.50	7.29	11.63	46.41	" "
9.16	17.00	18.08	3.50	4.69	8.50	7.24	10.46	50.37	" "
9.14	14.00	16.41	4.00	5.79	8.50	6.31	10.17	52.18	" "
7.84	17.00	20.01	4.00	4.59	5.50	4.81	11.80	50.95	" "
10.04	9.00	11.92	3.00	3.46	10.00	7.44	3.45	63.69	" "
7.14	17.00	18.16	4.50	4.27	7.50	7.87	9.54	53.02	" "
7.25	16.00	17.38	4.50	4.07	10.00	7.74	9.37	54.19	" "
8.49	17.00	19.04	4.00	4.11	5.50	6.48	10.75	51.13	" "
9.56	20.00	19.96	4.00	4.54	8.00	7.93	11.54	46.47	" "

A—Fibre guarantee on sack differs from license.
B—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Keedysville Milling Co., Keedysville, Md.		
*Eureka Laying Mash	Keedysville	8
Kemo Mills, Toledo, Ohio.		
‡Kayo Poultry Mash	Cumberland	10
Kershaw Oil Mill, Kershaw, S. C.		
"Palmetto Brand" Cotton Seed Meal	Frederick	4
Key Grain and Feed Co., Keymar, Md.		
The Key Dairy Ration	Detour	8
The Key Laying Mash	Detour	8
The Key Growing Mash	Detour	8
The Key Pig Meal	Detour	8
King Brothers and Co., Philadelphia, Pa.		
*King's Alfalfa Leaf Meal	Denton	7
King Midas Mill Co., Minneapolis, Minn.		
Cloverleaf Pure Wheat Bran	Baltimore	8.
Red Dog Wheat Flour	Oakland	10.
Red Dog Wheat Flour	Baltimore	8.
Wheat Standard Middlings and Ground Wheat Screenings	Oakland	8.
Charles F. Knock, Frederick, Md.		
Laying Mash, with DBM.	Frederick	7.
Growing Mash, with DBM.	Frederick	8.
H. C. Knoke and Co., Chicago, Ill.		
*Barley Feed	Walkersville	6.
Kraft-Phenix Cheese Corp., Chicago, Ill.		
"Kraco" Milk Sugar Feed	Princess Anne	--
Chas. A. Krause Milling Co., Milwaukee, Wis.		
Economy Egg Mash	Baltimore	7.
Cream City Scratch Feed N. G.	Baltimore	11.
Lake of the Woods Milling Co., Limited, Montreal, Canada.		
"Lakewoods" Wheat Shorts	Baltimore	9.
Larrowe Milling Co., Detroit, Mich.		
Larrowe's 32 Dairy Feed	Hurlock	7.
Larro-The Ready Ration for Dairy Cows	Baltimore	7.
Larro Egg Mash	Silver Spring	8.
Larro Growing Mash	Reisterstown	8.
Larro Pig Feed	Baltimore	8.
Larro Calf Meal	Hurlock	8.
Dried Molasses Beet Pulp	Baltimore	8.
Dried Beet Pulp	Baltimore	8.
Larro Turkey Grower	Westover	8.

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	Found	Guaranteed	Found	Guaranteed	Found			
8.84	20.00	23.69	5.00	4.14	7.00	4.86	10.05	48.42	As declared on sack.
10.46	15.00	15.02	3.50	6.12	8.50	8.01	9.33	51.06	" "
4.54	41.00	41.97	6.00	5.77	10.00	11.87	6.76	29.09	" "
8.48	20.00	22.29	4.00	5.39	11.00	10.27	7.32	46.25	" "
8.68	19.00	19.66	5.00	5.24	7.00	5.99	9.28	51.15	" "
8.68	16.00	18.69	4.25	4.87	7.00	6.57	7.60	53.59	" "
8.68	17.00	18.43	4.00	5.10	7.00	5.72	7.05	55.02	" "
7.36	20.00	18.82	2.00	3.14	18.00	23.39	10.78	36.51	" "
8.66	15.00	16.94	4.00	5.19	12.00	11.21	6.02	51.98	" "
10.12	16.50	18.95	4.00	4.16	4.00	2.92	3.98	59.87	" "
8.76	16.50	18.87	4.00	4.49	4.00	2.27	3.38	62.23	" "
8.89	15.00	17.20	4.00	5.10	9.50	8.17	5.00	55.65	" "
7.23	18.00	19.83	3.00	5.99	6.00	4.44	9.28	53.23	A. " "
8.96	15.00	16.15	4.00	6.19	10.00	3.75	5.02	59.93	" "
6.67	12.50	15.97	4.00	3.35	13.00	10.78	4.63	58.60	B. " "
----	12.00	13.16	.50	x.55	----	----	10.77	----	" "
7.68	18.00	17.99	4.00	6.94	7.50	5.80	7.58	54.01	" "
11.98	10.00	11.76	2.50	2.94	5.00	4.29	2.40	66.63	" "
9.00	16.00	17.90	5.00	5.65	8.00	7.92	5.04	54.49	" "
7.55	32.00	33.52	4.00	5.42	10.50	10.84	9.38	33.29	" "
7.38	20.00	21.76	3.75	3.94	12.00	10.47	6.34	50.11	" "
8.89	19.00	20.53	4.00	5.11	7.50	6.80	9.47	49.20	" "
8.50	16.00	18.60	4.00	4.79	7.50	6.24	8.87	53.00	" "
8.89	16.00	17.90	4.00	4.82	6.00	5.46	8.25	54.68	" "
8.70	23.00	23.87	4.00	4.50	4.00	3.96	2.69	56.28	" "
8.79	7.00	8.60	.30	.56	20.00	17.73	4.71	59.61	" "
8.79	7.00	8.42	.30	.29	22.50	20.73	3.28	58.49	" "
8.48	24.00	25.45	4.50	4.62	6.50	5.51	10.91	45.03	" "

A—Fibre guarantee on sack differs from license.
B—Protein; Fat and Fibre guarantee on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Liberty Milling Co., Germantown, Md.		
Montgomery 26% Dairy Ration	Germantown	7
Liberty Egg Mash	Germantown	7
Liberty Growing Mash	Germantown	8
‡Liberty Starter and Grower Balanced Turkey Mash	Germantown	7
Linwood Elevator Co., Linwood, Md.		
Linwood Laying Mash	Linwood	8
Linwood Complete Pig Meal	Linwood	9
L. B. Lovitt and Co., Memphis, Tenn.		
"Lovit Brand" 41% Protein Cotton Seed Meal	Hagerstown	6
"Lovit Brand" 41% Protein Cotton Seed Meal	Hagerstown	7
"Lovit Brand" 41% Protein Cotton Seed Meal	Hagerstown	6
"Lovit Brand" 41% Protein Cotton Seed Meal	Hagerstown	6
"Lovit Brand" 41% Protein Cotton Seed Meal	Boyds	7
Marianna Sales Co., Memphis, Tenn.		
‡White Mule Brand 41% Cottonseed Meal Prime Quality	Chewsville	7
Maritime Milling Co., Inc., Buffalo, N. Y.		
*Bull Brand Sweetened "24" Dairy Ration	Baltimore	9
*B-B Marmico 16% Protein Dairy Feed, with Molasses	Baltimore	9
Bull Brand Growing Mash Vitamized with Cod Liver Oil, Milk Sugar Feed, DBM.	Baltimore	8
B-B Daisy All Mash Starter and Growing Feed Vitamized with Cod Liver Oil, Milk Sugar Feed, DBM.	Baltimore	7
‡Special Station Fattening Mash	Baltimore	6
‡B-B Turkey Grower and Finishing Mash Vitamized with Cod Liver Oil and DBM.	Baltimore	8
J. D. Earl Martin, Hagerstown, Md.		
Reid's 16% Dairy Feed	Reid	9
Maurer Manufacturing Co., Newark, N. J.		
Kawlity Meat and Bone Scrap	Mardela Springs	6
Mauser Mill Co., Treichlers, Pa.		
Mauser's Flour Middlings, with Ground S. N. Ex. M. R.	Elkton	10
Menhaden Fish Products Co., Baltimore, Md.		
Pure Ground Fish Meal	Hagerstown	7
Henry Mesner and Son, Baltimore, Md.		
E-Z-Fed Growing Mash, with BM., Cod Liver Oil and Mineral	Baltimore	6
Metcalfe Brothers, Chestertown, Md.		
Chester 20% Dairy Feed	Galena	9
Special Laying Mash	Chestertown	8
Chester Poult Mash	Chestertown	7
Leo H. Michael, Buckeystown, Md.		
Michael's Laying Mash	Buckeystown	8

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.17	26.00	28.35	5.00	4.77	9.00	9.42	9.16	41.13	As declared on sack.
7.82	19.00	21.15	4.00	5.77	7.00	5.81	10.25	49.20	A.
8.79	18.00	18.60	4.00	5.31	6.50	5.96	9.40	51.94	B.
7.05	18.00	20.01	4.50	5.65	6.00	10.08	11.03	46.18	As declared on sack.
8.96	18.00	21.24	4.50	5.11	8.00	8.35	12.86	43.48	" "
9.47	15.00	18.08	4.50	4.17	6.00	6.39	8.70	53.19	" "
6.29	41.00	41.42	5.00	7.01	13.00	14.12	6.20	24.96	" "
7.45	41.00	42.74	5.00	6.49	13.00	11.78	6.35	25.19	" "
6.84	41.00	40.63	5.00	8.23	13.00	11.56	6.07	26.67	" "
6.73	41.00	42.38	5.00	8.32	13.00	10.24	6.60	25.73	" "
7.16	41.00	41.24	5.00	8.79	13.00	11.15	6.60	25.06	C.
7.32	41.00	41.07	5.00	5.71	13.00	14.13	6.31	25.46	As declared on sack.
9.53	24.00	24.22	4.50	3.76	11.00	9.83	8.04	44.62	" "
9.36	16.00	16.07	4.00	3.29	12.00	14.10	8.15	49.03	" "
8.18	16.00	19.66	4.50	5.84	7.00	7.32	9.74	49.26	" "
7.69	17.00	21.32	4.00	4.85	7.00	7.96	9.64	48.54	" "
6.72	13.00	14.48	4.00	4.82	6.00	6.64	4.73	62.61	" "
8.93	18.00	18.78	3.50	6.26	7.00	6.61	11.69	47.73	As declared on sack.
9.27	16.00	17.90	3.00	3.82	15.00	14.17	7.27	47.57	D.
6.36	50.00	50.63	6.00	10.77	3.00	2.87	29.20	.17	As declared on sack.
10.62	15.00	17.20	4.00	3.94	6.00	3.71	3.40	61.13	" "
7.52	58.00	59.67	4.00	7.41	1.75	.68	21.76	2.96	" "
6.44	16.00	17.02	4.50	4.70	6.50	7.52	10.86	53.46	" "
9.44	20.00	20.88	4.00	3.96	10.00	9.01	6.75	49.96	" "
8.18	20.00	20.71	4.00	5.51	10.00	6.07	8.40	51.13	" "
7.89	20.00	20.18	5.00	5.89	14.00	11.01	10.05	44.98	B.
8.52	18.00	19.83	5.00	5.12	12.00	7.04	11.95	47.54	E.

A—Protein and Fat guarantee and Ingredients on sack differ from license.
B—Ingredients on sack differ from license.
C—Product off color, not "of good odor" and probably made from damaged seed.
D—Ingredients on sack differ from license. Also detected Wheat Bran—unable to detect Cottonseed Meal.
E—Ingredients on sack differ from license. Also detected Ground Barley.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Michigan Producers Dairy Co., Adrian, Mich.	
‡M.P.D. Skim Milk Powder	Pocomoke City
Middletown Flour Mills, Middletown, Del.	
Soft Winter Wheat Middlings	Cambridge
John G. Miller, Reckord, Md.	
‡Miller's Meat and Bone Scrap	Bel Air
Mutual Rendering Co., Inc., Philadelphia, Pa.	
*Mureco Meat Scrap	Denton
Mureco Meat Scrap	Ellicott City
Mureco Meat Scrap	Rising Sun
Mureco Meat and Bone	Ingleside
Mureco Meat and Bone	Denton
Mureco Meat and Bone	Baltimore
Mureco Meat and Bone	Cambridge
*Mureco Steamed Bone Meal	Ingleside
Mureco Dried Skim Milk	Ingleside
National Mineral Products Co., Ltd., San Francisco, Calif.	
California "Alfaleaf" Leaf Meal	Baltimore
California Fine Ground Alfalfa Meal	Baltimore
Neumond Co., St. Louis, Mo.	
‡Neumond Corn Distillers' Grain	Baltimore
New Richmond Roller Mills Co., New Richmond, Wis.	
Feeding Oatmeal	Pocomoke City
O. A. Newton and Son, Bridgeville, Del.	
"Cedarview" Laying Mash	Hurlock
"Cedarview" Special Growing Mash	Hurlock
"Cedarview" Pullet Mash	Hurlock
Northern Oats Co., Minneapolis, Minn.	
Go-Fer Brand Feeding Oat Meal	Baltimore
Norton and Co., Washington, D. C.	
*Bone and Meat Scrap	Derwood
Nowak Milling Corp., Hammond, Ind.	
Domino 32% Mixing Dairy Feed	Harmony Grove
*Domino 24½% Dairy Feed	Ellicott City
*Cream-O-Lene Dairy Feed	Harmony Grove
Domino Butterine Dairy Feed	Harmony Grove
Union Dairy Feed	Harmony Grove
Domino Egg Pel-ets	Ellicott City
Domino N-K-Pel-ets	Harmony Grove
‡Marathon Poultry Fattener	Harmony Grove
‡Domino 32% Hog Meal	Harmony Grove
‡Domino 18% Pig Meal	Harmony Grove
‡Domino Goat-ets	Harmony Grove

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
----	33.00	**34.92**	.25	x **.42**	----	----	**8.10**	----	As declared on sack.
11.34	14.00	**13.17**	4.00	**4.07**	8.00	**5.89**	**3.45**	**62.08**	" "
6.95	55.00	**58.85**	5.00	**6.88**	3.00	**2.02**	**25.18**	**.12**	" "
6.06	55.00	**52.65**	6.00	**9.50**	2.00	**2.50**	**27.44**	**1.85**	A.
5.94	55.00	**54.14**	6.00	**9.67**	2.00	**2.25**	**29.60**	----	A.
6.86	55.00	**56.47**	6.00	**9.66**	2.00	**2.25**	**24.45**	**.31**	As declared on sack.
5.20	50.00	**53.97**	6.00	**10.32**	2.00	**1.70**	**28.70**	**.11**	" "
5.44	50.00	**51.25**	6.00	**11.80**	2.00	**2.87**	**26.90**	**1.74**	" "
6.45	50.00	**50.37**	6.00	**11.65**	2.00	**1.69**	**29.34**	**.50**	" "
6.11	45.00	**45.19**	6.00	**10.04**	2.00	**1.79**	**38.00**	----	" "
5.04	5.00	**6.14**	2.00	**1.02**	2.00	**1.23**	**76.85**	**9.72**	" "
----	32.00	**34.22**	.50	x**1.17**	----	----	**7.90**	----	" "
9.03	20.00	**20.80**	1.50	**1.55**	18.00	**20.36**	**10.73**	**37.53**	" "
8.58	14.00	**16.06**	1.50	**1.58**	30.00	**30.54**	**8.58**	**34.66**	" "
7.19	28.00	**30.71**	7.00	**7.57**	15.00	**12.86**	**4.45**	**37.22**	" "
9.80	15.00	**17.29**	5.00	**6.34**	3.75	**2.72**	**2.60**	**61.25**	" "
9.19	18.00	**18.60**	4.00	**5.00**	7.50	**6.60**	**10.14**	**50.47**	" "
9.39	15.00	**16.23**	3.50	**4.82**	6.00	**4.87**	**7.60**	**57.09**	" "
10.30	14.00	**16.67**	3.50	**5.27**	6.00	**5.23**	**8.77**	**53.76**	" "
8.11	14.00	**16.85**	5.00	**5.32**	3.75	**4.72**	**4.50**	**60.50**	" "
6.37	50.00	**45.90**	8.00	**10.24**	2.00	**1.83**	**35.88**	----	" "
8.42	32.00	**31.69**	4.50	**4.70**	10.00	**7.95**	**9.86**	**37.38**	" "
8.19	24.50	**23.62**	5.00	**4.20**	10.00	**8.55**	**9.92**	**45.52**	" "
9.79	24.00	**22.00**	4.50	**4.54**	12.00	**8.92**	**11.16**	**43.59**	" "
10.30	17.00	**19.41**	4.00	**3.80**	12.00	**9.93**	**10.55**	**46.01**	" "
10.00	16.00	**18.36**	3.00	**3.17**	16.00	**10.37**	**10.63**	**47.47**	" "
7.85	20.00	**21.94**	4.50	**6.49**	7.50	**6.86**	**9.70**	**47.16**	" "
7.95	20.00	**21.15**	4.50	**5.24**	7.50	**7.37**	**10.36**	**47.93**	" "
8.96	13.50	**14.13**	4.00	**6.88**	7.00	**5.19**	**4.44**	**60.40**	" "
8.65	32.00	**34.71**	5.00	**4.75**	7.00	**5.19**	**12.91**	**33.79**	" "
8.75	18.00	**22.76**	4.50	**4.90**	7.50	**5.46**	**7.79**	**50.34**	" "
8.19	16.00	**17.81**	3.50	**4.75**	8.00	**5.98**	**7.00**	**56.27**	" "

A—Should be designated as Meat and Bone Scrap.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Nuttle Milling Co., Denton, Md.	
Ideal Laying Mash, with Cod Liver Oil	Denton
Ideal Growing Mash, with BM. and Cod Liver Oil	Denton
Ideal Hog Feed	Denton
Ideal Turkey Mash, with BM. and Cod Liver Oil	Denton
Geo. F. Obrecht, Inc., Baltimore, Md.	
Obrecht's 20% Dairy Feed	Baltimore
Obrecht's Laying Mash	Baltimore
Obrecht's O-Lay Mash	Baltimore
P. Fred'k. Obrecht and Son, Baltimore, Md.	
‡Egg-O-Milk Co's Blend	Denton
‡Corn Feed-By-Product	Elkton
‡*Corn Feed-By-Product Containing Corn Bran and Feed Meal	Ellicott City
Ogilvie Flour Mills Co., Medicine Hot, Canada.	
‡Ogilvie Wheat Bran	Baltimore
Owings Brothers, York, Pa.	
‡June Bug 20% Dairy Feed	Baltimore
16% Dairy Feed	Baltimore
June Bug Laying Mash, with Cod Liver Oil	Baltimore
June Bug Laying Mash, with Cod Liver Oil	Cardiff
June Bug Growing Mash, with BM. and Cod Liver Oil	Baltimore
Owings Mills Distillery, Inc., Owings Mills, Md.	
Owings Mills Feed	Reisterstown
Pacific Bone Coal and Fertilizing Co., San Francisco, Calif.	
Digesta-Bone Flour	Baltimore
Philip R. Park, Inc., San Pedro, Calif.	
Manamar	Walkersville
Park and Pollard Co., Buffalo, N. Y.	
Manamar Dairy Mixing Ration	Walkersville
Bidwell 24% Dairy Ration	Walkersville
Milk-Maid 24% Sweetened Dairy Ration	Walkersville
Manamar Doublex 20% Dairy Ration	Walkersville
Top Notch 16% Ration	Jefferson
Manamar Complete Life Cycle Mash	Princess Anne
Manamar Complete Life Cycle Mash	Walkersville
Lay or Bust Dry-Mash	Princess Anne
Manamar Lay or Bust Mash	Walkersville
‡Bidwell Growing Feed	Walkersville
‡Bidwell Dry-Mash, with Cod Liver Oil	Walkersville
‡Yankee Horse Feed	Walkersville
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	
Peevee Alfalfa Leaf Meal	Baltimore
Peevee Alfalfa Leaf Meal	Elkton

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
6.60	20.00	**20.01**	5.00	**5.64**	8.00	**6.72**	**11.80**	**49.23**	As declared on sack.
8.68	15.00	**15.62**	4.00	**6.14**	6.00	**4.48**	**8.86**	**56.22**	" "
8.58	12.00	**15.46**	5.00	**5.21**	6.00	**4.21**	**8.64**	**60.60**	" "
12.12	18.00	**17.99**	4.50	**7.35**	8.00	**6.92**	**9.21**	**46.41**	" "
9.68	20.00	**20.45**	4.50	**4.75**	12.00	**9.16**	**7.92**	**48.04**	A.
8.45	20.00	**20.01**	5.00	**6.09**	7.00	**6.15**	**11.27**	**48.03**	B.
8.65	18.00	**17.38**	3.00	**6.30**	9.00	**7.66**	**8.86**	**51.15**	As declared on sack.
----	15.00	**15.01**	3.00	**3.44**	2.00	**1.28**	**2.60**	----	" "
10.69	12.00	**11.41**	8.00	**8.58**	10.00	**3.80**	**3.76**	**61.76**	" "
10.65	12.00	**10.97**	8.00	**8.79**	10.00	**5.39**	**3.48**	**60.72**	" "
8.53	15.00	**16.94**	3.50	**5.63**	11.50	**11.18**	**6.54**	**51.18**	" "
8.03	20.00	**21.50**	5.00	**5.27**	12.00	**12.19**	**9.18**	**43.83**	" "
10.89	16.00	**19.50**	3.00	**3.47**	12.00	**10.46**	**10.20**	**45.48**	" "
7.66	20.00	**21.16**	4.00	**5.39**	9.00	**7.21**	**14.70**	**43.88**	" "
7.64	20.00	**21.24**	4.00	**6.20**	9.00	**7.12**	**13.80**	**44.00**	" "
7.94	17.50	**21.06**	4.50	**5.84**	7.00	**5.19**	**10.02**	**49.95**	" "
9.68	14.00	**17.29**	4.00	**5.52**	24.00	**14.10**	**2.65**	**50.76**	" "
3.09	5.00	**6.32**	0.00	**0.00**	2.00	**.46**	**88.45**	----	" "
6.45	40.00	**40.89**	3.00	**5.53**	4.00	**2.40**	**30.00**	**14.73**	" "
9.03	26.00	**26.08**	4.00	**4.33**	9.00	**7.40**	**11.56**	**41.60**	" "
9.11	24.00	**26.17**	4.00	**3.91**	11.00	**7.05**	**8.60**	**45.16**	" "
9.73	24.00	**24.43**	4.00	**4.18**	11.00	**10.51**	**9.22**	**41.93**	" "
9.47	20.00	**22.15**	4.00	**4.07**	10.00	**9.65**	**10.53**	**44.13**	" "
9.51	16.00	**17.66**	3.50	**3.46**	11.00	**10.73**	**8.88**	**49.76**	" "
9.72	16.00	**17.55**	3.50	**4.43**	6.00	**5.98**	**9.78**	**52.54**	" "
8.77	16.00	**16.58**	3.50	**4.42**	6.00	**5.93**	**9.62**	**54.68**	" "
9.55	18.00	**19.57**	3.00	**5.24**	7.00	**6.06**	**11.04**	**48.54**	" "
7.11	18.00	**19.57**	3.50	**4.32**	6.00	**5.87**	**11.52**	**51.61**	" "
8.65	15.00	**17.90**	3.00	**3.53**	7.00	**6.72**	**8.77**	**54.43**	" "
8.46	18.00	**19.57**	3.00	**3.98**	8.50	**8.18**	**9.80**	**50.01**	" "
10.73	10.00	**11.08**	3.50	**3.89**	9.00	**5.97**	**4.59**	**63.74**	" "
7.60	20.00	**21.50**	2.50	**3.18**	18.00	**18.04**	**12.65**	**37.03**	" "
7.65	20.00	**21.50**	2.50	**2.85**	18.00	**18.03**	**12.09**	**37.88**	" "

A—Fat guarantee and Ingredients on sack differ from license.
B—Fat and Fibre guarantee and Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Penick and Ford Ltd., Inc., Cedar Rapids, Iowa.	
Douglas Corn Gluten Meal	Baltimore
Penn Grains and Feed Co., Philadelphia, Pa.	
Peerless Brewers' Dried Grains	Colora
Phoenix Flour Mills, Davenport, Iowa.	
Wheat Red Dog Flour	Baltimore
Wheat Red Dog Flour	Baltimore
Maurice Pincoffs Co., Houston, Texas.	
41% Protein Cottonseed Meal	Gaithersburg
41% Protein Cottonseed Meal	Ellicott City
41% Protein Cottonseed Meal	Thurmont
41% Protein Cottonseed Meal	Frederick
41% Protein Cottonseed Meal	Elkton
Pittsburgh Provision and Packing Co., Pittsburgh, Pa.	
‡*Keystone Beef Scrap	Mt. Lake Park
Planters Edible Oil Co., Suffolk, Va.	
Planters' "41" Peanut Meal	Aldino
Planters' "41" Peanut Meal	Baltimore
Pratt Food Co., Hammond, Ind.	
Pratt's Sweet 32% Dairy Feed	Kennedysville
Pratt's 24% Dairy Feed	Kennedysville
*Pratt's B-P Dairy Feed	Baltimore
*Pratt's Sweet 20% Dairy Feed	Kennedysville
Pratt's Sweet 16% Dairy Feed	Baltimore
Pratt's Cak-Cak Egg Mash; with BM.; Fish, Meat: etc.	Baltimore
Pratt's Cak-Cak Egg Mash, with BM. (Pelleted)	Berwyn
Pratt's Laying Mash, with BM.	Baltimore
Pratt's Laying Mash, with BM. (Pelleted)	Berwyn
Iroquois Growing Mash	Baltimore
Pratt's Feeding Oat Meal	Denton
Pratt's Calf Meal, with BM.	Kennedysville
Pratt's Worming Feed, with BM.	Ellicott City
Pratt's Utility Scratch Feed	Baltimore
‡Pratt's Pigeon Feed (With Corn)	Centreville
Pratt's Turkey Growing and Finishing Feed, with BM.	Baltimore
Pratt's Rabbit Feed, with BM. (Pellet Form)	Baltimore
Quaker Oats Co., Chicago, Ill.	
Quaker 24% Protein Dairy Ration	Berlin
Quaker 24% Protein Dairy Ration	Glyndon
Quaker 16% Protein Dairy Ration	Berlin
Quaker 16% Protein Dairy Ration	Owings Mills
Quaker Ful-O-Pep Egg Mash	Owings Mills
Big Egg Laying Mash	Baltimore
North Star Oat Meal	Denton
Early Bird Fine Chick Feed N. G.	Baltimore
Early Bird Scratch Grains N. G.	Baltimore

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.83	43.00	44.40	1.00	1.50	4.00	4.06	3.38	38.83	As declared on sack.
6.97	26.00	26.15	6.00	6.39	18.00	13.85	3.42	43.22	" "
9.15	16.00	17.90	4.00	4.13	4.00	3.42	5.60	59.80	" "
9.44	16.00	18.16	4.00	3.52	4.00	3.85	3.42	61.61	" "
6.84	41.00	41.07	5.00	6.09	14.00	12.72	6.27	27.01	" "
6.84	41.00	41.59	5.00	6.87	14.00	11.36	6.35	26.99	" "
7.85	41.00	42.38	5.00	6.54	14.00	12.05	6.20	24.98	" "
7.39	41.00	42.12	5.00	6.32	14.00	12.54	6.23	25.40	" "
7.23	41.00	41.07	5.00	6.60	14.00	11.16	6.34	27.60	" "
6.31	50.00	47.04	3.00	14.01	3.00	1.99	30.44	.21	A.
7.55	41.00	41.77	6.00	7.77	10.00	4.68	6.20	32.03	As declared on sack.
4.72	41.00	41.47	6.00	7.95	10.00	4.70	5.50	35.66	" "
8.23	32.00	34.01	4.50	4.12	9.00	7.50	9.99	36.15	" "
9.00	24.00	27.73	4.00	4.33	9.00	9.15	7.85	41.94	" "
9.93	21.00	23.53	4.00	3.22	10.00	8.17	8.74	46.41	" "
8.46	20.00	20.77	4.00	3.36	12.00	10.58	9.25	47.58	" "
9.86	16.00	16.40	3.50	3.61	12.00	10.79	8.68	50.66	" "
8.72	18.00	18.25	4.00	5.70	8.00	7.12	7.10	53.11	" "
8.40	18.00	19.31	4.00	6.43	8.00	7.16	7.75	50.95	" "
9.29	20.00	22.90	4.50	4.80	6.75	6.50	10.30	46.21	" "
10.04	20.00	21.24	4.50	7.09	6.75	6.29	9.74	45.60	" "
8.35	16.00	17.55	4.00	5.05	6.00	6.49	8.18	54.38	" "
9.36	15.00	14.74	5.00	6.52	3.75	4.44	4.30	60.64	" "
8.79	24.50	25.01	4.00	4.02	4.00	4.03	8.28	49.87	" "
8.15	20.00	22.38	4.50	4.91	6.75	6.15	14.16	44.25	" "
11.68	10.00	11.50	2.00	2.68	4.00	2.92	1.77	69.45	" "
9.35	12.00	13.78	2.00	3.06	4.00	3.47	2.25	68.09	" "
8.15	21.00	21.09	5.00	5.50	7.00	6.64	9.23	49.39	" "
9.09	14.00	17.64	3.00	4.96	10.00	7.37	7.86	53.08	" "
8.84	24.00	24.33	4.00	4.25	12.00	10.58	7.82	44.18	" "
8.07	24.00	25.54	4.00	3.98	12.00	11.49	7.80	43.12	" "
8.01	16.00	17.28	3.00	3.30	13.50	12.23	8.44	50.74	" "
10.06	16.00	16.99	3.00	3.07	13.50	12.87	8.29	48.72	" "
8.00	20.00	20.62	4.50	5.83	8.00	6.75	8.16	50.64	" "
8.65	18.00	18.78	4.00	6.06	8.00	7.00	9.92	49.59	" "
8.09	16.00	15.45	6.00	6.22	3.50	2.61	4.14	63.49	" "
10.59	10.00	10.53	2.00	3.53	2.00	1.87	1.97	71.51	" "
10.66	9.50	12.99	2.00	2.57	3.50	3.04	2.43	68.31	" "

A—Should be designated as Meat and Bone Scrap.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Queen Anne Roller Mill, Queen Anne, Md.	
Queen Anne Poultry Mash	Queen Anne
Ralston Purina Co., St. Louis, Mo.	
Purina Red Checker Cow Chow (34%)	Monrovia
Purina Green Checker Cow Chow (24%)	Baltimore
Purina Blue Checker Cow Chow (20%)	Annapolis
Protena 20% Dairy Feed	Taneytown
Purina Body Cow Chow	Ellicott City
Purina Bulky Las Chow (Buffalo Mill)	Ellicott City
Purina Dry and Fitting Chow	Annapolis
Purina Egg Chowder	Lewistown
Purina Layena (Complete Ration)	Myersville
Purina Lay Chow	Myersville
Purina Lay Chow	Rising Sun
Purina Broiler Chow	Frederick
Purina Heifer Growing Chow	Myersville
Protena Sweet Feed "D"	Massey
Purina Pig and Hog Chow	Taneytown
Purina Chick Chow (Coarse)	Baltimore
Purina Turkey Growing and Fattening Chow	Hancock
Purina Turkey Startena	Baltimore
Purina Rabbit Chow	Baltimore
Purina Rabbit Chow (Complete Ration)	Annapolis
Red Wing Milling Co., Red Wing, Minn.	
‡Red Wing Special Wheat Bran, with Ground Screen. N. Ex. M. R.	Baltimore
A. F. Rees, Inc., Hanover, Pa.	
*Rees Meat Scrap	Westminster
R. W. Reeves Co., Los Angeles, Calif.	
"Reeco" Brand Alfalfa Meal Fine Ground	Baltimore
Reindollar Co., Taneytown, Md.	
16% Sweet Dairy Feed	Taneytown
Egg Mash	Taneytown
Growing Mash	Taneytown
Pig and Hog Meal	Taneytown
Richards Milling Co., Cortland, Ohio.	
Richards' Cash Laying Mash	Cumberland
‡Richards' Growing Mash	Cumberland
‡Richards' Horse Feed	Cumberland
Richards' Hog Meal	Cumberland
Richards' Special Chop	Cumberland
Richardson Brothers, Westminster, Md.	
Richbro Walck Laying Mash	Westminster
Richbro Hog and Pig Meal	Westminster
Riddleberger and Sons, Greensboro, Md.	
Riddleberger's Poultry Mash	Greensboro

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.07	19.00	19.13	5.00	5.86	7.00	6.68	7.30	50.96	As declared on sack.
9.71	34.00	35.57	3.50	4.12	12.00	8.07	7.71	34.82	" "
10.02	24.00	26.26	3.50	3.69	12.00	9.33	9.39	41.31	" "
9.13	20.00	21.72	4.00	4.27	12.00	11.83	8.25	44.80	" "
10.33	20.00	23.19	3.50	4.09	12.00	11.58	9.88	40.93	" "
8.92	16.00	18.75	3.50	3.53	12.00	8.79	9.60	50.41	" "
10.85	9.00	11.40	1.30	2.18	15.00	12.66	9.74	53.17	" "
10.96	12.50	14.37	2.50	2.65	14.00	9.46	10.40	52.16	" "
8.50	19.00	19.92	3.50	4.92	8.00	5.70	10.48	50.48	" "
8.25	15.50	17.29	3.50	3.94	8.00	5.60	9.96	54.96	" "
9.34	19.00	20.09	3.50	5.52	8.00	6.36	11.39	47.30	" "
10.08	19.00	19.94	3.50	5.00	8.00	7.17	8.55	49.26	" "
8.20	18.00	21.25	4.00	5.85	7.00	6.57	6.82	50.71	" "
11.39	14.00	17.08	2.50	3.55	14.00	7.58	8.26	52.14	" "
8.80	6.00	8.32	1.00	1.69	25.00	22.52	10.40	48.27	" "
10.37	36.00	36.81	3.00	3.85	14.00	10.34	11.05	27.58	" "
10.59	10.00	11.06	2.50	3.50	4.00	2.36	1.53	70.96	" "
10.19	21.00	23.60	3.50	5.70	8.00	5.61	7.29	47.61	" "
8.45	26.00	26.68	4.50	6.85	6.00	4.46	9.13	44.43	" "
8.04	16.00	18.95	3.50	5.22	8.00	7.40	6.50	53.89	" "
10.34	13.50	14.75	2.50	3.03	16.00	12.23	6.68	52.97	" "
7.91	13.50	18.87	4.10	4.75	15.60	10.56	6.56	51.35	" "
6.64	55.00	56.34	10.00	9.39	3.00	2.55	22.12	2.96	A.
6.00	17.00	19.04	2.00	2.97	25.00	22.57	10.15	39.27	As declared on sack.
9.46	16.00	17.10	3.00	3.36	11.00	13.88	6.38	49.82	" "
9.71	20.00	20.18	4.00	5.04	8.00	6.49	7.47	51.11	" "
8.52	16.50	16.85	4.50	4.50	7.00	6.18	9.70	54.25	" "
9.53	16.50	16.94	4.50	4.99	7.00	5.86	9.72	52.96	" "
7.86	20.00	21.32	3.00	4.91	6.90	6.48	6.35	53.08	B.
8.49	18.00	18.69	3.00	5.54	6.00	6.38	10.13	50.77	B.
10.01	9.00	10.07	3.00	3.11	10.00	5.13	3.17	68.51	B.
8.27	16.00	15.09	4.00	6.35	8.00	6.08	6.10	58.11	B.
7.81	8.00	9.83	3.00	4.04	12.00	12.93	7.04	58.35	As declared on sack.
9.65	20.00	20.27	5.00	5.86	9.00	7.45	10.06	46.71	" "
8.92	15.00	15.88	5.00	5.90	7.00	5.45	6.60	57.25	" "
8.03	17.00	18.08	4.00	4.96	8.00	8.55	7.27	53.11	" "

A—Fibre guarantee on sack differs from license.
B—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Daniel Rider, Baltimore, Md.		
Winner 16% Dairy Feed	Baltimore	9
Robinson Brothers, Cardiff, Md.		
Robinson's 32% Dairy Ration	Cardiff	9
Robinson's 20% Dairy Ration	Darlington	10
*Robinson's Laying Mash	Cardiff	10
Robinson and Jackson, Baltimore, Md.		
Rob-Jack Brand Rye Distillers Grains	Baltimore	5
C. E. Routzahn and Co., Breathedsville, Md.		
Laying Mash	Breathedsville	8.
*Hog Feed	Breathedsville	8.
Saint Michaels Milling Co., St. Michaels, Md.		
Quillin's Laying Mash	St. Michaels	8.
Quillin's Growing Mash, with BM. and Cod Liver Oil	St. Michaels	9.
*Quillin's Turkey Growing Mash	St. Michaels	8.
Saunders Mills, Inc., Toledo, Ohio.		
*‡Velvet Brand Alfalfa Meal Leaf	Baltimore	6.
‡Alfalfa Meal	Baltimore	8.
‡Cut Rabbit Feed (Leafy Alfalfa Hay)	Baltimore	8.
Wm. G. Scarlett and Co., Baltimore, Md.		
Oriole Brand Special Pigeon Feed	Baltimore	8.
Jos. Schlitz Brewing Co., Milwaukee, Wis.		
Schlitz Purity Brewers Dried Grains	Monrovia	9.
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.		
Esskay Quality Meat & Bone Scrap	Baltimore	6.
Esskay Quality Meat & Bone Scrap	Baltimore	5.
Esskay Quality Digester Meat Meal	Linwood	5.
Esskay Quality Poultry Bone	Baltimore	5.
*Esskay Quality Digester Tankage	Hagerstown	7.
*Esskay Quality Digester Tankage	Chestertown	5.
*Esskay Quality Digester Tankage	Frederick	5.
Charles H. Seward, Raspeburg, Md.		
Golden Glow Laying Mash	Raspeburg	8.
Shellabarger Grain Products Co., Decatur, Ill.		
‡Shellabarger's Cooked Soy Bean Oil Meal	Ellicott City	8.
Sherwin Williams Co., Cleveland, Ohio.		
‡Sherwin Williams Co. Pure Old Process Linseed Meal	Hagerstown	7.
Chas. R. Shoemaker, Inc., Philadelphia, Pa.		
‡Belgrade Brand 50% Meat and Bone Scrap	Princess Anne	8.
‡*Echo Brand 45% Meat and Bone Scrap	Federalsburg	6.

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.05	16.00	15.97	3.00	3.12	11.00	11.09	6.88	53.89	As declared on sack.
9.37	32.00	33.19	5.00	4.79	9.50	10.02	7.55	35.08	" "
10.89	20.00	21.97	4.50	4.03	10.00	9.92	7.88	45.31	" "
10.84	20.00	22.39	4.75	3.85	10.00	7.71	11.29	43.92	" "
5.50	16.00	22.03	5.00	5.41	20.00	15.42	3.13	48.51	" "
8.11	16.00	16.67	4.00	5.20	7.00	7.57	11.72	50.73	A.
8.84	17.00	17.11	4.00	3.40	5.00	4.03	7.35	59.27	B.
8.69	20.00	19.92	5.00	4.71	7.00	6.67	10.13	49.88	As declared on sack.
9.26	16.00	16.50	4.00	4.38	6.00	6.43	7.75	55.68	" "
8.73	21.00	19.57	4.50	5.83	7.00	6.50	9.40	49.97	C.
6.35	20.00	16.73	1.50	2.26	18.00	30.20	----	----	D.
8.86	13.00	16.15	1.50	1.49	33.00	32.63	8.80	32.07	As declared on sack.
8.19	13.00	22.30	1.50	2.27	33.00	16.39	9.85	41.00	" "
8.68	16.00	15.62	3.00	4.20	4.00	5.87	2.20	63.43	E.
9.15	25.00	26.15	6.00	7.04	20.00	18.35	3.96	35.35	As declared on sack.
6.17	55.00	54.67	6.00	8.87	5.00	2.62	29.70	----	" "
5.44	50.00	50.55	6.00	10.09	5.00	2.43	26.76	4.73	" "
5.15	46.00	47.48	10.00	9.99	5.00	2.31	34.75	.32	" "
5.96	20.00	24.22	2.00	4.73	5.00	.32	65.34	----	" "
7.56	60.00	59.50	8.00	6.89	5.00	1.73	26.77	----	" "
5.42	60.00	60.99	8.00	6.93	5.00	1.63	24.98	.05	" "
5.07	60.00	61.95	8.00	6.26	5.00	1.44	21.85	3.43	" "
8.45	20.00	21.94	5.00	5.32	7.00	5.33	12.15	46.81	" "
8.48	41.00	43.26	4.50	5.92	7.50	6.53	6.15	29.66	" "
7.93	32.00	32.47	4.50	5.84	9.00	9.00	6.12	38.64	F. " "
8.00	50.00	49.67	10.00	10.89	2.00	1.66	29.50	.28	" "
6.85	45.00	42.82	10.00	12.21	2.00	1.78	37.23	----	" "

A—Unable to detect Crab Meal.
B—Also detected a Mineral Mixture.
C—Ingredients on sack differ from license.
D—Very finely ground. Appears to contain more stems than is usually present in a Leaf Meal.
E—Vetch present but not declared on sack.
F—Acid Insoluble Ash 0.13%.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
M. L. Shoemaker and Co., Inc., Philadelphia, Pa.		
Shoemaker's "Swift Sure" 55% Ground Beef Scrap for Poultry	Salisbury	5
Shoemaker's "Swift Sure" 50% Ground Meat and Bone Scrap for Poultry	Pocomoke City	7
H. Ray Smith, Doubs, Md.		
Lo-Cost Laying Mash	Doubs	8
Southern States Cooperative Mills, Inc., Baltimore, Md.		
32% Supplemental Dairy Feed	Westminster	11
32% Supplemental Dairy Feed	Sudlersville	8
Baltimore Special 24% Dairy	Easton	8
Milk Maker	Sudlersville	10
20% Dairy	Centreville	9
20% Dairy	Easton	8
Exchange Dairy	Baltimore	9
Exchange Dairy	Westminster	10
18% Dairy	Baltimore	9
Legume Dairy	Centreville	9
Legume Dairy	Baltimore	9
16% Dairy	Denton	10
Fitting Ration	Baltimore	10
Market Laying Mash	Denton	9
Market Laying Mash	Westminster	8
Super Laying Mash	Denton	10
Super Laying Mash	Rocky Ridge	8
‡Thrift Laying Mash	Salisbury	9
Growing Mash	Denton	8
Growing Mash	Rocky Ridge	9
Growing Mash	Brunswick	8
‡Ground Horse Feed	Annapolis	10
Hog Feed	Easton	8
Hog Feed	Westminster	10
Calf Meal	Easton	8
‡Wheat Flour Middlings, with Ground Screen. N. Ex. M. R.	Bel Air	11
Turkey Growing Mash	Brunswick	7
A. E. Staley Manufacturing Co., Decatur, Ill.		
Staley's Corn Gluten Feed	Germantown	8
Star Food and Remedy Co., Inc., Alexandria, Va.		
Star Golden Glow Dairy Ration	Beltsville	8
Star Laying Mash, with Milk	Beltsville	8
Star Growing Mash, with BM	Beltsville	8
Star Pig Meal	Beltsville	7
Pure Corn Meal	Beltsville	10
Star Developing Scratch	Beltsville	8
Star Scratch Feed	Beltsville	9
Star Milling Co., Inc., Hampstead, Md.		
Winter Wheat Bran, with M. R. S. N. Ex. M. R.	Hampstead	9
Winter Wheat Bran, with M. R. S. N. Ex. M. R.	Hampstead	11
‡Winter Wheat Bran, with M. R. S. N. Ex. M. R.	White Hall	9

‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
5.29	55.00	**59.32**	6.00	**14.03**	3.00	**2.88**	**24.61**	----	As declared on sack.
7.15	50.00	**49.67**	6.00	**9.83**	3.00	**2.35**	**34.35**	----	" "
8.73	16.50	**18.60**	4.50	**5.09**	7.00	**7.35**	**8.16**	**52.07**	" "
11.21	32.00	**32.02**	4.00	**4.19**	8.50	**5.75**	**8.69**	**38.14**	" "
8.40	32.00	**32.91**	4.00	**3.94**	8.50	**5.88**	**8.42**	**40.45**	" "
8.12	24.00	**25.27**	3.00	**5.42**	10.00	**9.23**	**7.95**	**44.01**	" "
10.00	24.00	**25.40**	4.00	**4.18**	8.50	**5.66**	**7.81**	**46.95**	" "
9.82	20.00	**21.01**	3.00	**3.15**	12.00	**8.53**	**8.08**	**49.41**	" "
8.41	20.00	**20.42**	3.00	**3.39**	12.00	**8.30**	**8.54**	**50.94**	" "
9.70	20.00	**21.12**	4.00	**3.93**	8.50	**6.19**	**7.85**	**51.21**	" "
10.49	20.00	**21.52**	4.00	**3.88**	8.50	**7.68**	**7.16**	**49.27**	" "
9.64	18.00	**19.42**	3.00	**3.21**	12.00	**8.70**	**7.66**	**51.37**	" "
9.49	18.00	**21.13**	4.00	**4.83**	8.50	**8.11**	**7.48**	**48.96**	" "
9.00	18.00	**20.64**	4.00	**4.53**	8.50	**7.92**	**7.43**	**50.48**	" "
10.11	16.00	**18.19**	3.50	**3.44**	12.00	**9.98**	**7.37**	**50.91**	" "
10.34	13.00	**14.63**	4.00	**4.43**	7.00	**5.93**	**6.46**	**58.21**	" "
9.68	20.00	**21.94**	4.00	**4.16**	7.00	**5.53**	**9.48**	**49.21**	" "
8.28	20.00	**21.67**	4.00	**5.13**	7.00	**5.53**	**10.85**	**48.54**	" "
10.17	19.50	**19.57**	4.00	**5.00**	7.00	**5.56**	**8.75**	**50.95**	" "
8.60	19.50	**19.57**	4.00	**5.56**	7.00	**5.78**	**10.69**	**49.80**	" "
9.55	19.00	**19.66**	4.00	**4.62**	6.00	**4.99**	**10.02**	**51.16**	" "
8.75	17.50	**19.13**	4.00	**4.67**	6.50	**7.56**	**7.72**	**52.17**	" "
9.57	17.50	**18.43**	4.00	**4.49**	6.50	**6.83**	**7.67**	**53.01**	" "
8.42	17.50	**19.48**	4.00	**5.21**	6.50	**6.33**	**8.10**	**52.46**	" "
10.45	10.00	**11.26**	2.50	**2.11**	8.50	**7.23**	**5.87**	**63.08**	" "
8.95	14.00	**17.11**	3.50	**4.75**	6.00	**6.13**	**7.44**	**55.62**	" "
10.85	14.00	**16.76**	3.50	**4.42**	6.00	**6.21**	**7.70**	**54.06**	" "
8.45	19.00	**20.09**	4.00	**3.98**	3.50	**4.22**	**5.50**	**57.76**	" "
11.03	15.00	**18.43**	4.00	**4.90**	6.00	**6.23**	**4.16**	**55.25**	" "
7.73	19.00	**22.38**	4.00	**5.26**	7.00	**6.19**	**9.34**	**49.10**	" "
8.84	25.00	**29.84**	1.00	**1.69**	8.00	**6.88**	**9.87**	**42.88**	" "
8.08	22.00	**23.43**	4.50	**4.28**	12.00	**11.29**	**5.11**	**47.81**	" "
8.36	20.00	**20.71**	4.50	**5.57**	7.00	**6.69**	**10.67**	**48.00**	A.
8.54	16.00	**18.69**	4.00	**5.08**	7.00	**5.70**	**7.70**	**54.29**	As declared on sack.
7.35	16.00	**17.02**	4.00	**4.76**	7.00	**7.95**	**7.15**	**55.77**	A.
10.15	9.00	**10.53**	4.00	**4.20**	3.00	**2.16**	**1.70**	**71.26**	As declared on sack.
8.74	10.00	**10.18**	2.50	**3.23**	5.00	**2.01**	**1.80**	**74.04**	" "
9.48	10.00	**10.18**	2.50	**2.38**	5.00	**2.50**	**1.02**	**74.44**	" "
9.24	14.00	**13.60**	4.00	**4.10**	10.50	**11.13**	**6.77**	**55.16**	" "
11.19	14.00	**14.04**	4.00	**5.74**	10.50	**10.80**	**6.72**	**51.51**	" "
9.36	14.00	**13.95**	4.00	**4.09**	10.50	**10.78**	**7.44**	**54.38**	" "

A—Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Star Milling Co., Inc., Hampstead, Md. (Continued)	
Winter Wheat Middlings	Detour
Winter Wheat Middlings	Hampstead
‡Winter Wheat Middlings	White Hall
Winter Wheat Middlings	Hampstead
E. Steen and Brother, Baltimore, Md.	
Milk Producer Dairy Feed	Baltimore
Little Boy Blue Dairy Feed	Baltimore
Golden Goose Laying Mash, with BM.	Baltimore
Golden Goose Fancy Growing Mash, with BM.	Baltimore
D. A. Stickell and Sons, Inc., Hagerstown, Md.	
Zip Sweet 16% Dairy Feed	Elkton
Blue Ridge Egg Mash	White Hall
Blue Ridge Egg Mash, with Cod Liver Oil	White Hall
‡Su-Pur Turkey Growing Mash	White Hall
Chas. M. Struven Co., Baltimore, Md.	
Struven's Fish Meal	Princess Anne
Suffolk Oil Mill, Inc., Suffolk, Va.	
*Peanut Meal	Ellicott City
Swift and Co., Chicago, Ill.	
Swift's Fifty-Five Meat Scraps	Princess Anne
Swift's Fifty-Five Meat Scraps	Westminster
Taneytown Grain and Supply Co., Taneytown, Md.	
Taney Laying Mash	Taneytown
Taney Pig and Hog Feed	Taneytown
Thomas and Co., Frederick, Md.	
Excelsior Dairy Feed	Gaithersburg
Economy Dairy Feed	Gaithersburg
"Makan-Eg" Egg Mash	Gaithersburg
Thurmont Milling and Supply Assoc. Coop., Inc., Thurmont, Md.	
Thurmont Laying Mash	Thurmont
Thurmont Laying Mash	Thurmont
Transit Milling Co., Galveston, Texas.	
Texas Bull Brand Cottonseed Meal	Westminster
Texas Bull Brand Cottonseed Meal	Linwood
Texas Bull Brand Cottonseed Meal	Taneytown
Jacob Trinley and Sons, Linfield, Pa.	
Favorite Laying Mash	Baltimore
‡Real Growing Mash	Baltimore
Real Intermediate Chick Feed	Baltimore
‡Favorite Scratch Grains	Baltimore
‡Favorite Pigeon Feed	Baltimore

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
10.14	15.00	**16.06**	4.00	**4.13**	6.00	**5.72**	**4.20**	**59.75**	As declared on sack.
10.57	15.00	**15.53**	4.00	**4.29**	6.00	**5.39**	**3.78**	**60.44**	" "
10.04	15.00	**16.23**	4.00	**4.84**	6.00	**5.33**	**5.45**	**58.11**	" "
10.00	15.00	**15.01**	4.00	**4.40**	6.00	**6.78**	**5.37**	**58.44**	" "
9.43	20.00	**19.74**	3.50	**3.97**	12.00	**7.70**	**7.88**	**51.28**	A.
9.19	16.00	**17.13**	3.50	**3.42**	13.00	**8.15**	**8.84**	**53.27**	B.
9.66	20.00	**20.27**	4.00	**4.53**	9.00	**4.84**	**7.70**	**53.00**	As declared on sack.
9.25	18.00	**18.78**	4.00	**5.05**	8.50	**5.09**	**8.57**	**53.26**	" "
10.42	16.00	**16.16**	3.00	**3.47**	12.00	**13.84**	**8.58**	**47.53**	" "
9.15	20.00	**21.15**	5.00	**5.35**	6.00	**5.15**	**8.99**	**50.21**	" "
8.99	20.00	**23.08**	5.00	**6.13**	6.00	**5.37**	**10.55**	**45.88**	" "
8.98	17.00	**19.74**	4.00	**6.70**	6.00	**6.07**	**10.26**	**48.25**	" "
6.54	55.00	**57.30**	4.00	**8.89**	2.00	**.87**	**22.10**	**4.30**	" "
5.60	41.00	**39.84**	6.00	**7.48**	15.00	**8.33**	**7.26**	**31.49**	" "
6.31	55.00	**56.60**	6.00	**9.29**	3.00	**2.21**	**24.68**	**.91**	" "
6.07	55.00	**56.25**	6.00	**8.90**	3.00	**2.93**	**25.08**	**.77**	" "
8.47	18.00	**19.48**	4.50	**5.07**	6.75	**6.39**	**10.33**	**50.26**	" "
8.48	18.00	**20.29**	4.25	**4.27**	6.75	**7.09**	**6.63**	**53.24**	" "
7.84	24.00	**24.48**	5.00	**4.88**	9.00	**8.88**	**7.00**	**46.92**	C.
7.63	20.00	**20.97**	4.50	**5.06**	9.00	**9.47**	**7.05**	**49.82**	As declared on sack.
8.27	20.00	**20.27**	5.00	**4.70**	9.00	**5.94**	**7.97**	**52.85**	" "
9.66	20.00	**20.18**	4.00	**4.28**	10.00	**6.06**	**10.70**	**49.12**	D.
9.15	20.00	**19.53**	4.00	**3.76**	12.00	**5.85**	**10.90**	**50.81**	As declared on sack.
7.29	41.00	**42.30**	5.00	**6.21**	11.00	**10.46**	**6.34**	**27.40**	" "
7.14	41.00	**42.38**	5.00	**6.01**	11.00	**12.43**	**5.94**	**26.10**	" "
7.11	41.00	**41.68**	5.00	**5.85**	11.00	**13.43**	**5.82**	**26.11**	" "
7.69	18.00	**20.27**	4.00	**5.55**	7.50	**7.67**	**8.85**	**49.97**	" "
8.54	17.00	**20.01**	4.00	**5.58**	10.00	**8.43**	**11.03**	**46.41**	" "
10.19	10.00	**11.06**	3.00	**3.42**	4.00	**2.32**	**1.55**	**71.46**	" "
8.09	9.00	**10.62**	2.00	**2.00**	5.00	**3.10**	**2.40**	**73.79**	" "
8.37	9.00	**13.34**	2.00	**3.27**	5.00	**4.12**	**3.08**	**67.82**	" "

A—Also detected Whole Weed Seed.
B—Fibre guarantee and ingredients on sack differ from license. Also detected Whole Weed Seed.
C—Ingredients on sack differ from license.
D—Fibre guarantee and Ingredients on sack differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Ubiko Milling Co., Cincinnati, Ohio.		
‡32% Sweet Union Grains Dairy Ration	Walkersville	9
24% Sweet Union Grains Dairy Ration	Walkersville	9
Clover Bloom Sweet 16% Feed	Walkersville	10
Ubiko Egg Mash	Walkersville	9
Ubiko 36% Hog Supplement	Walkersville	9
Honeycomb Fitting Ration	Walkersville	10
Fourex Corn Distillers Dried Grains	Walkersville	6
Ultra-Life Laboratories, Inc., East St. Louis, Ill.		
‡Ultra-Life	Cambridge	8
Urbana Mills Co., Urbana, Ohio.		
‡*Purity 24% Dairy Ration	Lineboro	10
Urbana 20% Dairy Ration	Lineboro	9
‡*Purity 20% Dairy Ration	Lineboro	9
Purity Buttermilk Egg Mash	Lineboro	7
Urbana Egg Mash	Lineboro	9
‡Purity All Grain Horse Feed	Lineboro	9
‡Urbana Stock Feed	Lineboro	9
‡Purity 18% Pig Meal	Lineboro	9
George Urbana Milling Co., Buffalo, N. Y.		
‡Wheat Middlings, with Ground Screenings N. Ex. M. R.	Baltimore	7
‡Wheat Red Dog Flour	Baltimore	8
Van Iderstine Co., Long Island City, N. Y.		
Vico High Protein Meat Scraps for Poultry	Detour	5
Vico Quality Meat and Bone Scraps for Poultry	Westminster	6
Vico Quality Meat and Bone Scraps for Poultry	Frederick	5
Vienna Flour and Feed Mill, Vienna, Md.		
Wayne Local Mix Laying Mash	Vienna	10
Wayne Local Mix Growing Mash	Vienna	9
Virginia Maryland Dairy Feeders Co., Inc., Baltimore, Md.		
*Brewers' Grains	Woodbine	8
Brewers' Grains	Baltimore	9
Hiram Walker and Sons, Inc., Peoria, Ill.		
‡Corn Distillers' Dried Grains	Baltimore	8
Ward Dry Milk Co., St. Paul, Minn.		
Ward's Pure Dried Skim Milk	Princess Anne	---
C. B. Watkins and Co., Baltimore, Md.		
Foxhall Laying Mash	Baltimore	8
Foxhall Hog Feed	Baltimore	8
Weigel Brothers, Oxford, Pa.		
Soft Winter Wheat Bran	Colora	10
†Soft Winter Wheat Middlings	Colora	10

‡Not licensed at time of sale.
*Deficient in protein or fat.
†Deficient in both protein and fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.65	32.00	**31.92**	3.50	**3.11**	10.00	**6.35**	**9.21**	**39.76**	As declared on sack.
9.81	24.00	**24.97**	4.00	**4.27**	10.00	**7.93**	**11.08**	**41.94**	" "
10.60	16.00	**19.11**	3.00	**3.63**	15.00	**9.83**	**7.85**	**48.98**	" "
9.63	20.00	**21.19**	4.00	**5.34**	6.00	**5.20**	**14.26**	**44.38**	" "
9.19	36.00	**35.99**	4.50	**5.94**	8.00	**7.99**	**16.37**	**24.52**	" "
10.33	12.00	**13.68**	2.50	**2.63**	15.00	**13.40**	**11.33**	**48.63**	" "
6.07	28.00	**31.68**	10.00	**11.72**	14.00	**11.42**	**4.23**	**34.88**	" "
8.22	19.50	**24.35**	4.50	**7.35**	4.50	**4.32**	**6.40**	**49.36**	" "
10.26	24.00	**26.28**	4.50	**3.90**	10.00	**6.64**	**9.79**	**43.13**	" "
9.33	20.00	**21.32**	3.50	**3.92**	12.00	**9.23**	**11.64**	**44.56**	" "
9.70	20.00	**22.19**	4.50	**3.18**	10.00	**6.66**	**11.12**	**47.15**	" "
7.99	20.00	**20.36**	4.50	**6.32**	5.00	**5.18**	**11.40**	**48.75**	" "
9.02	18.00	**18.43**	5.00	**5.51**	8.00	**6.97**	**10.70**	**49.37**	" "
9.76	9.00	**11.35**	2.50	**2.95**	8.00	**5.32**	**3.92**	**66.70**	A.
9.91	6.00	**9.87**	2.50	**2.72**	12.00	**11.74**	**10.22**	**55.54**	As declared on sack.
9.80	18.00	**20.10**	4.00	**4.29**	6.00	**6.75**	**11.05**	**48.01**	" "
7.76	15.00	**18.25**	4.00	**5.29**	9.50	**9.10**	5.10	**54.50**	" "
8.34	15.00	**19.74**	4.00	**4.82**	4.00	**2.59**	**4.62**	**59.89**	" "
5.79	55.00	**55.46**	5.00	**12.60**	3.00	**2.19**	**24.90**	----	" "
6.37	50.00	**53.71**	5.00	**9.84**	3.00	**3.36**	**26.54**	**.18**	" "
5.48	50.90	**52.83**	5.00	**9.47**	3.00	**2.46**	**29.60**	**.16**	" "
10.16	18.00	**18.87**	3.50	**3.84**	7.00	**5.18**	**7.86**	**54.09**	" "
9.95	16.00	**17.90**	4.00	**4.33**	6.00	**5.80**	**6.64**	**55.38**	" "
8.03	30.00	**26.50**	6.00	**7.54**	15.00	**14.35**	**3.66**	**39.92**	" "
9.49	30.00	**29.82**	6.00	**7.21**	15.00	**14.07**	**3.70**	**35.71**	" "
8.01	30.00	**30.01**	6.00	**8.72**	14.00	**13.84**	**2.40**	**37.02**	" "
----	32.00	**35.28**	1.00	x **1.32**	----	----	**8.60**	----	" "
8.72	20.13	**21.94**	4.85	**6.39**	8.25	**8.97**	**10.00**	**43.98**	" "
8.90	15.25	**18.95**	2.98	**5.94**	7.33	**8.58**	**9.60**	**48.03**	" "
10.20	14.00	**14.92**	3.00	**4.11**	12.00	**7.22**	**5.40**	**58.15**	" "
10.71	14.00	**12.29**	4.00	**2.41**	8.00	**1.89**	**1.70**	**71.00**	" "

A—Ingredients on sack differ from license.
X—Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Wessel Duval and Co., Inc., New York, N. Y.	
Prime Quality Cotton Seed Meal	Baltimore
Westover Mills, Westover, Md.	
Perfection Laying Mash	Westover
Wheatena Corp., Highspire Flour Mills Division, Highspire, Pa.	
Pure Winter Wheat Bran	Maugansville
Wheat Gray Shorts Mill Run of Screenings	Maugansville
Wheeler Supply Co., Glyndon, Md.	
Wheeler Special Laying Mash	Glyndon
W. W. Wheeler, Greensboro, Md.	
*Laying Mash	Greensboro
Wichita Mill and Elevator Co., Wichita Falls, Texas.	
Wheat Bran, with Screenings	Baltimore
‡Wheat Bran	Baltimore
Wilber Feed Co., Inc., Jamestown, N. Y.	
Distillers Dried Grains	Baltimore
Wilbur-Ellis Co., Inc., New York, N. Y.	
‡Lighthouse Brand Fish Meal	Princess Anne
Wilkins-Rogers Milling Co., Inc., Washington, D. C.	
Big Five Dairy Feed	Bel Air
Big Five Dairy Feed	Annapolis
Big Five Dairy Feed	Annapolis
Washington Egg Mash, with BM.	Bel Air
Washington Egg Mash, with BM.	Annapolis
Maryland University 1928 Contest Egg Mash Formula	Bel Air
Maryland University 1928 Contest Egg Mash Formula	Annapolis
Washington Buttermilk Growing Mash	Annapolis
Red Raven 85% Horse Feed	Baltimore
Grassy Mead 21% Hog Feed	Upper Marlboro
Grassy Mead Calf Meal	Baltimore
Grassy Mead Calf Meal	Upper Marlboro
Washington Turkey Mash	Baltimore
Williams Brothers, Milford, Del.	
*Simpsons No. 3 Mineral, Milk Laying Mash	Denton
Wilson and Co., Inc., Chicago, Ill.	
Red "W" Brand 55% Meat Scraps	Baltimore
Red "W" Brand 50% Meat and Bone Scraps	Baltimore

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.48	36.00	**38.08**	5.00	**8.52**	13.00	**10.74**	**6.88**	**28.30**	As declared on sack.
8.89	19.00	**21.24**	4.00	**5.22**	7.00	**8.01**	**9.49**	**47.15**	A.
8.04	13.00	**13.16**	2.50	**4.41**	10.50	**10.44**	**6.27**	**57.68**	As declared on sack.
8.68	12.50	**13.95**	2.00	**3.63**	7.00	**5.79**	**3.90**	**64.05**	" "
8.10	20.00	**23.96**	4.50	**5.27**	7.00	**8.68**	**9.49**	**44.50**	A.
8.40	19.50	**17.81**	5.00	**5.33**	5.50	**10.73**	**9.49**	**48.24**	As declared on sack.
9.37	16.00	**16.50**	3.60	**4.09**	10.00	**10.41**	**8.05**	**51.58**	" "
7.19	16.50	**16.67**	3.60	**4.03**	10.00	**10.07**	----	----	B.
6.34	24.00	**24.39**	7.00	**6.73**	16.00	**14.86**	**2.87**	**44.81**	As declared on sack
7.06	67.00	**67.75**	5.00	**4.97**	1.00	**.44**	**15.00**	**4.78**	" "
7.63	20.00	**20.36**	5.00	**5.60**	12.00	**10.04**	**6.41**	**49.96**	A.
8.64	20.00	**21.41**	5.00	**5.83**	12.00	**10.01**	**5.40**	**48.71**	A.
8.65	20.00	**20.09**	5.00	**6.35**	12.00	**9.93**	**6.96**	**48.02**	As declared on sack.
8.14	22.00	**24.92**	5.00	**6.31**	8.00	**5.74**	**13.80**	**41.09**	A.
8.75	22.00	**24.04**	5.00	**6.58**	8.00	**6.25**	**13.70**	**40.68**	A.
6.83	20.00	**21.59**	5.00	**5.95**	7.00	**7.19**	**11.75**	**46.69**	As declared on sack.
8.99	20.00	**20.01**	5.00	**5.73**	7.00	**6.60**	**9.82**	**48.85**	" "
8.99	17.00	**19.83**	5.00	**6.40**	6.00	**4.45**	**8.13**	**55.20**	" "
10.45	8.00	**10.50**	3.00	**3.03**	10.00	**6.57**	**4.15**	**65.30**	" "
9.41	21.00	**20.36**	6.00	**6.26**	7.00	**8.94**	**8.10**	**46.93**	" "
7.90	22.00	**23.69**	4.50	**6.45**	6.00	**4.68**	**6.25**	**51.03**	" "
9.02	22.00	**22.46**	4.50	**5.95**	6.00	**4.19**	**6.43**	**51.95**	" "
7.42	18.00	**19.13**	5.00	**7.83**	5.00	**5.98**	**9.68**	**49.96**	" "
9.48	20.00	**18.87**	5.00	**4.61**	7.00	**6.08**	**10.40**	**50.56**	" "
4.98	55.00	**55.72**	6.00	**8.59**	3.00	**2.46**	**27.18**	**1.07**	C.
6.00	50.00	**49.84**	6.00	**11.11**	3.00	**1.79**	**30.70**	**.56**	As declared on sack.

A—Ingredients on sack differ from license.
B—Detected 7.31% Screenings and/or Scourings.
C—Should be designated as Meat and Bone Scrap.

MANUFACTURER AND BRAND NAME	SAMPLED FROM	
Allied Mills, Inc., Chicago, Ill.		
Wayne Dog Food Blox	Baltimore	
Wayne Dog Food Krums	Baltimore	
Austin Dog Bread and Animal Food Co., Chelsea, Mass.		
Austin's Special Cat Food	Baltimore	
Baltimore Feed and Grain Co., Baltimore, Md.		
Steako Dog and Puppy Food	Baltimore	
Bar-None Sales Co., San Jose, Calif.		
Bar-None Brand Food for Dogs and Cats	Annapolis	7
Battle Creek Dog Food Co., Battle Creek, Mich.		
Miller's Ration	Bel Air	
Beacon Milling Co., Inc., Cayuga, N. Y.		
Beacon Dog and Puppy Meal	Baltimore	
California Animal Products Co., Oakland, Calif.		
*Calo Dog Food	Hagerstown	7
Chappel Brothers, Inc., Rockford, Ill.		
Ken-L-Ration	Baltimore	6
Kit-E-Ration	Baltimore	6
Pup-E-Ration	Baltimore	7
Consolidated By-Product Co., Philadelphia, Pa.		
Marco Beef Food Product Dog and Cat Food	Baltimore	6
Derwood Mill, Derwood, Md.		
*Derwood Dog Food	Derwood	7
Dietrich and Gambrill, Inc., Frederick, Md.		
D. & G. Dog Food Broken	Denton	8
D. & G. Dog Food Broken	Baltimore	6
D. & G. Dog Food Whole	Baltimore	7
Mighty Good Dog Food	Denton	7
Might Good Dog Food	Baltimore	9
Doyle Packing Co., Los Angeles, Calif.		
*"Whistle" Dog Food	Hyattsville	69
Empire Beef and Provision Co., Dog Food Division, Wilson and Co., Inc., Chicago, Ill.		
‡Ideal Dog Food	Hagerstown	69
John W. Eshelman and Sons, Lancaster, Pa.		
‡Eshelman Red Rose Dog Cubes for Dogs and Puppies	Baltimore	6
Foster Canning Co., Inc., Brooklyn, N. Y.		
Dr. Olding Brand Pet Ration	Baltimore	69
Lucky Dog Food	Annapolis	71

*Deficient in protein or fat.
‡Not licensed at time of sale.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
8.25	30.00	30.36	4.00	5.98	4.00	4.08	8.73	42.60	
8.03	30.00	30.10	4.00	5.83	4.00	3.73	9.20	43.11	
6.46	15.00	20.01	1.00	1.51	2.50	.92	4.11	66.99	
6.77	30.00	34.75	6.00	6.23	6.00	5.57	9.98	36.70	
74.24	6.00	7.32	1.20	1.71	.58	.93	----	----	
7.68	15.00	19.66	1.30	3.08	1.30	3.71	8.60	57.27	
6.99	24.00	24.75	3.00	3.81	5.00	2.37	12.50	49.58	
77.80	8.00	5.74	2.25	1.97	.50	.67	1.29	12.53	A.
68.02	10.00	10.31	2.00	3.36	2.00	.96	5.00	12.35	B.
69.49	10.00	14.18	1.00	2.55	2.00	1.29	1.78	10.71	C.
72.96	10.00	10.23	2.00	2.26	2.00	1.59	1.60	11.36	
68.19	10.50	10.50	3.00	4.54	1.00	1.23	3.56	11.98	
7.99	25.00	23.69	4.00	4.15	4.00	3.80	11.55	48.82	
8.54	18.00	22.03	2.50	3.57	2.00	2.18	8.80	54.88	
6.53	18.00	21.50	2.50	2.88	2.00	2.38	9.34	57.37	
7.43	18.00	21.41	2.50	3.81	2.00	1.90	8.50	56.95	
7.39	18.00	21.41	4.00	4.43	3.00	2.71	10.87	53.19	
9.54	18.00	21.41	4.00	4.06	3.00	2.42	8.94	53.63	
69.84	6.50	8.24	2.50	1.88	.75	1.08	----	----	
69.84	10.00	12.24	2.00	5.46	1.00	.48	2.17	9.81	
6.27	26.00	28.52	5.50	5.58	2.50	2.89	13.40	43.34	
69.75	9.00	13.47	3.00	3.01	.50	1.18	1.49	11.10	B.
71.94	7.00	8.91	2.25	2.21	.50	.93	----	----	B.

A—Protein guarantee on package differs from license.
B—Ingredients on package differ from license.
C—Fat guarantee on package differs from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
Gaines Food Co., Sherburne, N. Y.	
‡Gaines Krunchon	Baltimore
Gaines Meat and Milk Meal	Bethesda
Hales and Hunter Co., Chicago, Ill.	
Lucky Dog Pellets	Baltimore
Jem Animal Food Corp., Brooklyn, N. Y.	
Bal O Ration	Baltimore
Keeno Packing Co., South Gate, Calif.	
‡*Keeno Commander Dog and Cat Food	Upper Marlboro
Kennel Food Supply Co., Fairfield, Conn.	
*K F S Dog Food	Baltimore
S. S. Kresge Co., Baltimore, Md.	
‡North Star Kibbled Dog Food	Baltimore
Lauderdale Kennels, Owings Mills, Md.	
Lauderdale Perfect Dog Food	Owings Mills
Maritime Milling Co., Inc., Buffalo, N. Y.	
Hunt Club Dog Food	Baltimore
George C. Melody, Greensburg, Pa.	
‡*Dr. Melody's Dog and Cat Food	Oakland
John Morrell and Co., Ottumwa, Iowa.	
Red Heart Dog Food Diet A	Hagerstown
Red Heart Dog Food Diet B	Hagerstown
Red Heart Dog Food Diet C	Hagerstown
National Biscuit Co., New York, N. Y.	
Milk-Bone Biscuit	Hagerstown
Milk-Bone For Dog and Puppies	Hagerstown
Old Mother Hubbard Dog Food Co., Gloucester, Mass.	
*Old Mother Hubbard Dog Cakes	Baltimore
‡Old Mother Hubbard Dog Food	Baltimore
Old Trusty Dog Food Co., Needham Heights, Mass.	
Old Trusty Bovex	Baltimore
Perfection Foods Co., Battle Creek, Mich.	
‡Perfection-Dog Food-Meat-Cereal	Baltimore
Polk Miller Products Corp., Richmond, Va.	
*Sergeant's Dog Food	Baltimore
Rival Packing Co., Chicago, Ill.	
Rival Dog Food	Baltimore

‡Not licensed at time of sale.
*Deficient in protein or fat.

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
7.29	23.00	24.92	3.00	4.69	4.00	3.49	13.42	46.19	
8.66	23.00	28.08	3.00	4.75	4.00	3.56	13.38	41.57	
9.34	25.00	24.52	5.00	4.98	6.00	4.13	6.05	50.98	
8.29	21.00	23.17	2.50	2.36	1.75	1.71	11.98	52.49	
78.93	8.00	6.58	2.00	1.98	1.00	.43	1.86	10.22	
66.90	15.00	13.03	3.50	5.12	2.50	1.84	2.95	10.16	
6.34	19.10	19.48	4.00	4.35	2.90	3.54	5.25	61.04	
8.46	28.00	32.82	6.00	6.27	7.00	4.32	5.25	42.88	
6.90	25.00	26.94	3.50	5.16	4.00	3.42	8.00	49.58	
73.77	6.09	7.38	3.71	.76	.71	.97	1.75	15.37	
71.03	12.00	11.96	3.00	3.93	1.00	.66	2.42	10.00	
70.37	11.00	11.80	3.00	5.50	1.00	.85	8.12	3.36	A.
68.91	11.00	11.79	3.00	5.67	1.00	.67	3.99	8.97	A.
6.76	17.00	19.31	1.00	1.09	2.50	1.21	3.48	68.15	
6.46	17.00	18.69	1.00	1.63	2.50	.99	3.47	68.76	
7.45	21.00	23.08	1.67	1.14	.99	.92	7.17	60.24	
7.18	21.00	20.97	1.67	1.60	.99	1.12	6.76	62.37	
73.08	10.00	11.41	2.00	2.80	2.00	.83	1.17	10.71	
5.27	14.00	15.36	1.00	2.14	5.00	2.71	5.75	68.77	B.
7.79	21.44	27.03	2.74	1.66	1.50	.84	5.50	57.18	
71.67	10.00	10.39	2.50	4.37	.50	.92	.94	11.71	C.

A—Protein guarantee and Ingredients on package differ from license.
B—Ingredients on package differ from license.
C—Fat guarantee and Ingredients on package differ from license.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
G. P. Rose and Co., Nashville, Tenn.	
Rose's Dog and Puppy Feed (Cooked)	Baltimore
Mascot Dog Food	Baltimore
Sandy's Pet Foods, Inc., Chicago, Ill.	
Sandy's Dog Food	Hagerstown
Wm. Schluderberg-T. J. Krudle Co., Baltimore, Md.	
Bal-Mar Dog Food	Hagerstown
Security Food Co., Minneapolis, Minn.	
Security Food Compound	Damascus
Simpson Products Co., Terre Haute, Ind.	
Doggie Dinner	Baltimore
Spratt's Patent (AM) Limited, Newark, N. J.	
Spratt's Challenge Terrier Meal	Baltimore
Spratt's Meat-Fibrine Dog Cakes	Baltimore
Spratt's Fibo	Baltimore
Spratt's Ovals Meat Fibrine	Baltimore
Sturdy Dog Food Co., Inc., Syracuse, N. Y.	
Sturdy Dog Food	Baltimore
Swift and Co., Chicago, Ill.	
Pard Dog Food	Baltimore
Pard Dog Food	Hagerstown
Thoro Bread Co., Cincinnati, Ohio.	
‡Thoro Bread M. C. Dog Ration	Salisbury
Vaughan Packing Co., Kansas City, Kansas.	
†Silver King Dog and Cat Food	Hagerstown

‡Not licensed at time of sale.
†Deficient in both protein and fat.

MANUFACTURER AND BRAND NAME	SAMPLED FROM
East Coast Trading Co., Baltimore, Md.	
Eaco Mineral Mixture	Denton
E. M. Peet Manufacturing Co., Council Bluffs, Iowa.	
Peet Perfection Product for Poultry. A Supplemental Mineral Feed	Chewsville
Peet Perfection Product. A Supplemental Mineral Feed for Hogs, Horses, Cattle, Sheep and Poultry	Chewsville

Moisture	Protein		Fat		Fibre		Ash	Nitrogen Free Extract	Ingredients
	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
9.65	23.81	**23.82**	3.72	**9.22**	4.10	**3.64**	**14.92**	**38.75**	
9.60	20.97	**21.50**	5.51	**6.70**	3.41	**4.31**	**13.13**	**44.76**	
68.88	10.50	**10.93**	3.50	**5.09**	1.00	**.42**	**.90**	**13.78**	
70.00	11.00	**12.55**	3.00	**4.99**	1.00	**.74**	**2.91**	**8.81**	
8.91	9.80	**18.43**	4.50	**4.28**	6.00	**1.31**	**5.28**	**61.79**	
68.00	8.30	**7.66**	.40	**2.76**	2.40	**.90**	**14.78**	**5.90**	A.
6.94	19.00	**21.23**	1.25	**1.55**	2.00	**1.16**	**2.39**	**66.73**	
7.05	20.00	**20.18**	2.00	**2.59**	1.50	**.81**	**2.33**	**67.04**	B.
6.20	19.00	**22.38**	1.25	**2.33**	2.00	**1.26**	**2.45**	**65.38**	
7.32	19.00	**22.82**	1.75	**2.41**	2.00	**1.04**	**2.02**	**64.39**	C.
6.45	20.00	**27.55**	2.50	**5.52**	5.00	**2.77**	**13.60**	**44.11**	D.
70.62	10.50	**10.46**	2.50	**3.57**	.50	**.64**	**2.87**	**11.84**	
71.80	10.50	**10.58**	2.50	**4.62**	.50	**.72**	**3.02**	**9.26**	
6.11	24.00	**27.82**	3.00	**3.98**	4.00	**4.17**	**9.41**	**48.51**	
75.18	9.00	**7.39**	2.00	**.91**	.50	**.96**	**1.54**	**14.02**	D.

A—Fat and Fibre guarantee and Ingredients on package differ from license.
B—Protein; Fat and Fibre guarantee on package differ from license.
C—Fat guarantee on package differs from license.
D—Ingredients on package differ from license.

CALCIUM OXIDE CaO		PHOSPHORUS P_2O_5		SALT	
Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
40.00	**48.55**	15.00	**18.20**	----	----
5.32	**6.20**	2.94	**2.00**	----	----
4.05	**4.50**	1.31	**1.30**	----	----

LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from July 1, 1935, to January 1, 1936, is contained in pages 82 to 89, inclusive. Limes are considered seriously deficient with respect to chemical analysis when they are one per cent or more deficient in total oxides.

The outstanding change in the new lime law deals with products such as ground limestone, oyster shell lime, etc., which contains less than 60 per cent of its total weight in forms of oxides or hydroxides. On the above products the manufacturer or distributor is not allowed to use the word "lime" on the package or container, except in the required statement of minimum analysis or as part of the name of the company manufacturing or selling it.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO + MgO		Carbonates $CaCO_3$		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	S. W. Barrick and Sons, Inc., Woodsboro, Md.										
3423	Agricultural Lump Lime	Woodsboro	85.00	**94.60**	5.00	**1.10**	90.00	**95.70**	----	**1.52**	**1.17**
3464	Agricultural Lump Lime	Woodsboro	85.00	**95.40**	5.00	**1.01**	90.00	**96.41**	----	**5.16**	**.50**
3424	†High Grade Agricultural Lime	Woodsboro	75.00	**77.40**	5.00	**2.04**	80.00	**79.44**	----	**13.25**	**5.73**
3463	†High Grade Agricultural Lime	Woodsboro	75.00	**81.55**	5.00	**1 87**	80.00	**83.42**	----	**6.88**	**3.80**
	Frank Carbaugh, Hagerstown, Md.										
3401	Lump Lime	Cearfoss	80.00	**82.55**	2.00	**2.42**	82.00	**84.97**	----	**12.63**	**1.52**
3402	†Ground Burned Lime	Cearfoss	75.00	**75.70**	2.00	**2.56**	77.00	**78.26**	----	**9.68**	**4.00**
	Cavetown Planing Mill Co., Cavetown, Md.										
3405	Lump Lime	Cavetown	80.00	**77.50**	2.00	**15.24**	82.00	**92.74**	----	**.77**	**.97**
3404	†Ground Lime	Cavetown	80.00	**76.40**	2.00	**15.25**	82.00	**91.65**	----	**2.50**	**2.41**
	C. L. Forsythe, Hagerstown, Md.										
*3406	Lump Lime	Cearfoss	85.00	**82.00**	1.50	**3.28**	86.50	**85.28**	----	**2.39**	**4.56**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.										
3412	Famous Frederick County Agricultural Lime	Frederick	86.00	**80.30**	4.00	**17.85**	90.00	**98.15**	----	**1.27**	**.35**
3413	†Famous Frederick County Ground Lime	Frederick	75.00	**82.45**	5.00	**6.44**	80.00	**88.89**	----	**5.79**	**3.50**
	Legore Lime Co., Legore, Md.										
3430	Lump Lime	LeGore	80.00	**96.45**	3.00	**1.16**	83.00	**97.61**	----	**1.36**	**.42**
3429	†Ground Burnt Lime	LeGore	75.00	**73.70**	5.00	**6.37**	80.00	**80.07**	----	**12.68**	**6.36**
	Shank and Etzler Lime Co., Frederick, Md.										
3415	Lump Lime	Frederick	60.00	**71.00**	30.00	**27.51**	90.00	**98.51**	----	**1.32**	**.14**
3417	†Ground Burned Lime	Frederick	55.00	**56.00**	25.00	**33.53**	80.00	**89.53**	----	**6.70**	**3.55**
	Stoner and Powell, Woodsboro, Md.										
3422	Old Reliable Fountain Rock Lump Lime	Fountain Rock	85.00	**92.15**	2.00	**2.42**	87.00	**94.57**	----	**3.02**	**.95**
*3420	†Old Reliable Fountain Rock Ground Lime	Fountain Rock	75.00	**65.20**	5.00	**9.13**	80.00	**74.33**	----	**12.04**	**7.24**
	Wertz and Swain, Hagerstown, Md.										

3417	†Ground Burned Lime											
3422	**Stoner and Powell, Woodsboro, Md.** Old Reliable Fountain Rock Lump Lime	Fountain Rock	85.00	**92.15**	2.00	**2.42**	87.00	**94.57**	----	**3.02**	**.95**
*3420	*†Old Reliable Fountain Rock Ground Lime*	Fountain Rock	75.00	**65.20**	5.00	**9.13**	80.00	**74.33**	----	**12.04**	**7.24**
3407	**Wertz and Swain, Hagerstown, Md.** †Agricultural Ground Lime	Downesville	60.00	**64.65**	5.00	**4.96**	65.00	**69.61**	----	**8.54**	**15.63**

†Mechanical analysis of Ground Burnt Lime (see page 86). *Product deficient in total oxides.

ANALYSES OF AGRICULTURAL HYDRATED LIME

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO + MgO		Carbonates $CaCO_3$		Sand & Insol. (no. Val.)
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	S. W. Barrick and Sons, Inc., Woodsboro, Md.										
3425	†Hydrated Lime	Woodsboro	60.00	**62.15**	5.00	**2.15**	65.00	**64.30**	----	----	**4.87**
3462	†Hydrated Lime	Woodsboro	60.00	**64.30**	5.00	**2.66**	65.00	**66.96**	----	----	**4.29**
	Chester Valley Lime Co., West Chester, Pa.										
3441	†Chester Valley Hydrated Lime	Princess Anne	46.50	**47.50**	31.00	**30.22**	77.50	**77.72**	----	----	**.83**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.										
3414	†Famous Frederick County Hydrated Lime	Frederick	65.00	**66.60**	5.00	**5.15**	70.00	**71.75**	----	----	**1.71**
	Keller Lime Co., Inc., Buckeystown, Md.										
3437	†Hydrated Lime for Agricultural and Building Use	Buckeystown	66.00	**68.50**	1.50	**1.76**	67.50	**70.26**	----	----	**2.55**
3470	†Hydrated Lime	Buckeystown	66.00	**69.20**	1.50	**1.93**	67.50	**71.13**	----	----	**2.30**
	LeGore Lime Co., LeGore, Md.										
3432	†Hydrated Lime	Denton	65.00	**65.05**	5.00	**5.09**	70.00	**70.14**	----	----	**3.28**
3428	†Hydrated Lime	LeGore	65.00	**66.10**	5.00	**4.75**	70.00	**70.85**	----	----	**1.88**
	H. E. Millard, Annville, Pa.										
3434	†Sweet-Arrow Hydrated Lime	Chestertown	70.00	**70.90**	1.50	**2.04**	71.50	**72.94**	----	----	**.48**

†Mechanical analysis of Hydrated Lime (see page 86).

ANALYSES OF AGRICULTURAL HYDRATED LIME (CONTINUED)

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO + MgO		Carbonates $CaCO_3$		Sand & Insol. (no. Val.)
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	North American Cement Corp., Baltimore, Md.										
3388	†Berkeley Lime Products Hydralio Lime	Ellicott City	70.00	**71.30**	2.00	**1.81**	72.00	**73.11**	----	----	**.26**
	Shank and Etzler Lime Co., Frederick, Md.										
3416	†Hydrated Lime	Frederick	45.00	**51.45**	20.00	**25.63**	65.00	**77.08**	----	----	**2.45**
	Staunton Lime Corp., Staunton, Va.										
3449	†"Green Star" Hydrated Lime	----------	45.00	**53.15**	25.00	**24.14**	70.00	**77.29**	----	----	**.43**
	Steacy and Wilton Co., Wrightsville, Pa.										
3431	†"Sterling" Brand Hydrated Lime	Taneytown	67.00	**72.00**	5.00	**3.17**	72.00	**75.17**	----	----	**.81**
3399	†"Sterling" Brand Hydrated Lime	Rising Sun	67.00	**70.35**	5.00	**3.31**	72.00	**73.66**	----	----	**.81**
	Stoner and Powell, Woodsboro, Md.										
3421	†Old Reliable Fountain Rock Hydrated Lime	Fountain Rock	60.00	**62.70**	5.00	**7.45**	65.00	**70.15**	----	----	**6.03**
	Universal Gypsum and Lime Co., Chicago, Ill.										
3400	†Palmer Hydrated Lime	Rising Sun	70.00	**71.45**	2.00	**1.82**	72.00	**73.27**	----	----	**.38**
	Washington Building Lime Co., Baltimore, Md.										
3438	†Farmers Favorite Land Hydrated Lime	Washington Grove	64.00	**72.35**	1.00	**1.23**	65.00	**73.58**	----	----	**.57**
3410	†Farmers Favorite Land Hydrated Lime	Jefferson	64.00	**72.93**	1.00	**1.23**	65.00	**74.16**	----	----	**1.19**
3408	†Farmers Favorite Land Hydrated Lime	Brunswick	64.00	**71.05**	1.00	**1.12**	65.00	**72.17**	----	----	**1.50**

†Mechanical analysis (see page 86).

ANALYSES OF AGRICULTURAL LIMESTONE, MARL AND OYSTER SHELLS

ANALYSES OF AGRICULTURAL LIMESTONE, MARL AND OYSTER SHELLS

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO + MgO		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	American Lime and Stone Co., Bellefonte, Pa.								
3398	†Alsco Pulverized Limestone	Elkton	53.79	**54.30**	.48	**.91**	54.27	**55.21**	**1.17**
3397	†Alsco Pulverized Limestone	Elkton	53.79	**54.30**	.48	**.92**	54.27	**55.22**	**1.17**
	Falling Spring Lime Co., Inc., Falling Spring, Va.								
*3389	†Precipitated Lime	Ellicott City	50.40	**46.60**	.24	**.84**	50.64	**47.44**	**11.04**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.								
3411	†Pulverized Limestone	Frederick	50.00	**54.10**	----	**.90**	----	**55.00**	**1.28**
	H. E. Millard, Annville, Pa.								
3433	†Air-Floated Pulverized Limestone	Denton	54.40	**53.20**	.40	**.79**	54.80	**53.99**	**4.08**
	Potomac Poultry Food Co., Inc., Baltimore, Md.								
3450	†Potolime	Baltimore	46.00	**49.20**	.50	**.86**	46.50	**50.06**	**6.12**
3439	†Potolime	Crisfield	46.00	**48.80**	.50	**.84**	46.50	**49.64**	**9.41**
3390	†Potolime	Jessups	46.00	**49.80**	.50	**.75**	46.50	**50.55**	**5.73**
	Standard Lime and Stone Co., Baltimore, Md.								
3435	†Standard Pulverized Limestone	Sykesville	53.20	**54.60**	.50	**.84**	53.70	**55.44**	**.72**
3387	†Standard Pulverized Limestone	Ellicott City	53.20	**54.20**	.50	**.89**	53.70	**55.09**	**.85**
	Universal Gypsum and Lime Co., Chicago, Ill.								
3426	†Challenge Pulverized Limestone	Westminster	51.00	**52.50**	3.00	**3.28**	54.00	**55.78**	**.90**
	Wm. H. Valliant and Bro., Bellevue, Md.								
3442	†Oyster Shell Lime	Bellevue	46.00	**47.80**	----	**1.13**	----	**48.93**	**9.60**

*Product deficient in total oxides.

†Mechanical analysis (see page 86).

MISCELLANEOUS LIMING PRODUCTS

No.	Manufacturer and Brand	Place Sampled	Calcium Oxide CaO		Magnesium Oxide MgO		Total Oxides CaO + MgO		Carbonates $CaCO_3$		Sand & Insol.
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND	FOUND
	LeGore Lime Co., LeGore, Md.										
3427	†All-In-One Agricultural Lime	LeGore	50.00	**60.75**	5.00	**5.20**	55.00	**65.95**	----	**47.48**	**6.25**
	North American Cement Corp., Baltimore, Md.										
3386	†Berkeley Hydra-Calcite Lime	Ellicott City	60.00	**68.80**	2.00	**2.58**	62.00	**71.38**	----	**12.27**	**.80**
	M. J. Grove Lime Co., Inc., Lime Kiln, Md.										
3444	†Carbo Oxide	Clinton	35.00	**68.30**	.005	**.73**	35.005	**69.03**	26.00	**20.23**	**.24**

†Mechanical Analyses (see page 86).

MECHANICAL ANALYSIS OF GROUND LIMESTONE, GROUND OYSTER SHELLS, GROUND BURNT LIME AND HYDRATED LIME

No.	Manufacturer and Brand	Place Sampled	Finer than 100 Mesh		Finer than 60 Mesh		Finer than 20 Mesh	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
	American Lime and Stone Co., Bellefonte, Pa.							
3398	Alsco Pulverized Limestone	Elkton	70.	**100.**	90.	----	100.	----
3397	Alsco Pulverized Limestone	Elkton	70.	**100.**	90.	----	100.	----
	S. W. Barrick and Sons, Inc., Woodsboro, Md.							
3424	High Grade Agricultural Lime	Woodsboro	65.	**41.**	73.	**47.**	92.	**67.**
3463	*High Grade Agricultural Lime*	Woodsboro	65.	**59.**	73.	**69.**	92.	**93.**
3425	Hydrated Lime	Woodsboro	89.	**83.**	92.	**87.**	96	**92.**
3462	Hydrated Lime							

3398	Alsco Pulverized Limestone	Elkton	70.	**100.**	90.			
3397	Alsco Pulverized Limestone							
	S. W. Barrick and Sons, Inc., Woodsboro, Md.							
3424	High Grade Agricultural Lime	Woodsboro	65.	**41.**	73.	**47.**	92.	**67.**
3463	*High Grade Agricultural Lime*	Woodsboro	65.	**59.**	73.	**69.**	92.	**93.**
3425	Hydrated Lime	Woodsboro	89.	**83.**	92.	**87.**	96	**92.**
3462	Hydrated Lime	Woodsboro	89.	**87.**	92.	**91.**	96.	**99.**
	Frank Carbaugh, Hagerstown, Md.							
3402	Ground Burned Lime	Cearfoss	----	**55.**	----	**61.**	----	**79.**
	Cavetown Planing Mill Co., Cavetown, Md.							
3404	Ground Lime	Cavetown	----	**39.**	----	**42.**	----	**56.**
	Chester Valley Lime Co., West Chester, Pa.							
3441	Chester Valley Hydrated Lime	Princess Anne	98.	**98.**	----	**100.**	----	**100.**
	Falling Spring Lime Co., Inc., Falling Spring, Va.							
3389	Precipitated Lime	Ellicott City	47.40	**43.**	----	**54.**	----	**82.**
	M. J. Grove Lime Co., Lime Kiln, Md.							
3413	Famous Frederick County Ground Lime	Frederick	----	**39.**	----	**43.**	----	**59.**
3414	Famous Frederick County Hydrated Lime	Frederick	----	**97.**	----	**99.**	----	**100.**
3411	Pulverized Limestone	Frederick	94.	**92.**	98.	**98.**	100.	**100.**
3444	Carbo Oxide	Clinton	25.	**100.**	40.	**100.**	70.	**100.**
	Keller Lime Co., Inc., Buckeystown, Md.							
3437	Hydrated Lime for Agricultural and Building Use	Buckeystown	----	**94.**	----	**97.**	----	**100.**
3470	Hydrated Lime	Buckeystown	----	**98.**	----	**100.**	----	**100.**
	LeGore Lime Co., LeGore, Md.							
3432	Hydrated Lime	Denton	98.	**97.**	97.	**98.**	100.	**100.**
3428	Hydrated Lime	LeGore	98.	**97.**	97.	**99.**	100.	**100.**
3427	All-In-One Agricultural Lime	LeGore	95.	**91.**	98.	**99.**	100.	**100.**
3429	Ground Burnt Lime	LeGore	45.	**45.**	47.	**51.**	60.	**68.**
	H. E. Millard, Annville, Pa.							
3434	Sweet-Arrow Hydrated Lime	Chestertown	99.	**100.**	99.25	**100.**	100.	**100.**
3433	Air-Floated Pulverized Limestone	Denton	99.	**100.**	100.	**100.**	85.	**100.**
	North American Cement Corp., Baltimore, Md.							
3388	Berkeley Lime Products Hydralio Lime	Ellicott City	----	**100.**	----	**100.**	----	**100.**
3386	Berkeley Hydra-Calcite Lime	Ellicott City	----	**96.**	----	**99.**	----	**100.**

MECHANICAL ANALYSIS OF GROUND LIMESTONE, GROUND OYSTER SHELLS, GROUND BURNT LIME AND HYDRATED LIME (CONTINUED)

No.	Manufacturer and Brand	Place Sampled	Finer than 100 Mesh		Finer than 60 Mesh		Finer than 20 Mesh	
			Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
	Potomac Poultry Food Co., Inc., Baltimore, Md.							
3450	Potolime	Baltimore	46.	**28.**	58.	**43.**	96.	**92.**
3439	Potolime	Crisfield	46.	**20.**	58.	**34.**	96.	**87.**
3390	Potolime	Jessups	46.	**30.**	58.	**45.**	96.	**92.**
	Shank and Etzler Lime Co., Frederick, Md.							
3417	Ground Burned Lime	Frederick	----	**45.**	----	**53.**	----	**74.**
3416	Hydrated Lime	Frederick	----	**81.**	----	**87.**	----	**98.**
	Staunton Lime Corp., Staunton, Va.							
3449	"Green Star" Hydrated Lime	----------	----	**99.**	----	**100.**	----	**100.**
	Standard Lime and Stone Co., Baltimore, Md.							
3435	Standard Pulverized Limestone	Sykesville	99.	**100.**	100.	**100.**	100.	**100.**
3387	Standard Pulverized Limestone	Ellicott City	99.	**100.**	100.	**100.**	100.	**100.**
	Steacy and Wilton Co., Wrightsville, Pa.							
3431	"Sterling" Brand Hydrated Lime	Taneytown	99.	**98.00**	99.25	**100.**	100.	**100.**
3399	"Sterling" Brand Hydrated Lime	Rising Sun	99.	**99.**	99.25	**100.**	100.	**100.**
	Stoner and Powell, Woodsboro, Md.							
3421	Old Reliable Fountain Rock Hydrated Lime	Fountain Rock	----	**74**	----	**79.**	----	**92.**
3420	Old Reliable Fountain Rock Ground Lime	Fountain Rock	----	**72.**	----	**78.**	----	**93.**
	Universal Gypsum and Lime Co., Chicago, Ill.							
3400	Palmer Hydrated Lime	Rising Sun	97.	**99.**	98.	**100.**	100.	**100.**
3426	Challenge Pulverized Limestone	Westminster	----	**100.**	----	**100.**	----	**100.**
	Wm. H. Valliant and Bro., Bellevue, Md.							
3442	Oyster Shell Lime	Bellevue						

3400	Palmer Hydrated Lime	Westminster	----	100.	----	----	----	----	----	----
3426	Challenge Pulverized Limestone									
	Wm. H. Valliant and Bro., Bellevue, Md.									
3442	Oyster Shell Lime	Bellevue	----	19.	----	29.	----	80.		
	Washington Building Lime Co., Baltimore, Md.									
3438	Farmers Favorite Land Hydrated Lime	Washington Grove	----	97.	----	99.	----	100.		
3410	Farmers Favorite Land Hydrated Lime	Jefferson	----	97.	----	98.	----	100.		
3408	Farmers Favorite Land Hydrated Lime	Brunswick	----	98.	----	99.	----	100.		
	Wertz and Swain, Hagerstown, Md.									
3407	Agricultural Ground Lime	Downesville	----	67.	----	73.	----	86.		

TABLES

The following pages contain a detailed list of the different brands of fertilizers registered for 1936 delivery, and the declared composition of each.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
American Agricultural Chemical Co., Baltimore, Md.										
Slingluff's 10% Top Dresser-Sulphate, 10-5-2	9.00	1.00	5.00	----	----	----	----	----	2.00	----
AA. Tobacco Plant Bed Fertilizer-Sulphate, 8-5-2	7.20	.80	5.00	----	----	----	----	----	2.00	----
AA. Tobacco Bed Fertilizer-Sulphate, 6-6-8	5.40	.60	6.00	----	----	----	----	----	8.00	----
AA. Trucker's Favorite, 6-6-5	4.50	1.50	6.00	----	----	----	5.00	----	----	----
Detrick's Gold Basis Fertilizer, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
AA. Prince George Tobacco Fertilizer-Sulphate, 4-8-12	3.00	1.00	8.00	----	----	----	----	----	12.00	----
AA. Red Leaf Tobacco Fertilizer-Sulphate, 4-8-10	3.00	1.00	8.00	----	----	----	----	----	10.00	----
AA. Golden Leaf Tobacco Fertilizer-Sulphate, 4-8-7	3.00	1.00	8.00	----	----	----	----	----	7.00	----
AA. Gladiator Fertilizer, 4-8-7	3.00	1.00	8.00	----	----	----	----	----	----	7.00
AA. Early Trucker Fertilizer, 4-8-5	3.00	1.00	8.00	----	----	----	2.00	----	----	3.00
AA. Climax Fertilizer, 3-12-6	2.25	.75	12.00	----	----	----	----	----	----	6.00
AA. Special Tomato Fertilizer, 3-8-10	2.25	.75	8.00	----	----	----	5.00	----	----	5.00
AA. Farmers Friend Fertilizer, 2-12-4	1.50	.50	12.00	----	----	----	----	----	----	4.00
AA. Kangaroo Komplete Kompound, 2-10-4	1.50	.50	10.00	----	----	----	----	----	----	4.00
Listers Harvest Queen Fertilizer, 2-9-5	1.50	.50	9.00	----	----	----	----	----	----	5.00
AA. Red Dog Fertilizer, 2-9-5	1.50	.50	9.00	----	----	----	----	----	----	5.00
AA. Silk Leaf Tobacco Fertilizer-Sulphate, 2-8-10	1.50	.50	8.00	----	----	----	----	----	10.00	----
AA. Old Hickory Fertlizer, 2-8-10	1.50	.50	8.00	----	----	----	5.00	----	----	5.00
AA. Acme Fertilizer, 1-10-5	.75	.25	10.00	----	----	----	----	----	----	5.00
Patapsco Apex Mixture, 0-12-5	----	----	12.00	----	----	----	2.00	----	----	3.00
AA. Victory Mixture, 0-12-5	----	----	12.00	----	----	----	2.00	----	----	3.00
AA. Superphosphate, 0-20-0	----	----	16.00	----	----	*4.00	----	----	----	----
AA. Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
AA. Basic Lime Phosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Sulphate of Ammonia, 20.50-0-0	20.50	0.00	----	----	----	----	----	----	----	----
Muriate of Potash, 0-0-50	----	----	----	----	----	----	50.00	----	----	----
Sulphate of Potash, 0-0-48	----	----	----	----	----	----	----	----	48.00	----
Pure Raw Bone, 3.70-20 T.P.A.-0	0.00	3.70	----	----	----	20.00	----	----	----	----
Fine Ground Bone, 2.47-23 T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
Pulverized Sheep and Goat Manure, 1.25-1 T.P.A.-2	0.00	1.25	----	----	----	----	----	----	----	----
Agrico for Potatoes-Tidewater, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Agrico for Truck, 5-10-5	3.75	1.25	10.00	----	----	----	2.00	----	----	3.00
Agrico for Tobacco-Sulphate, 5-8-10	3.75	1.25	8.00	----	----	----	----	----	10.00	----

Sulphate of Potash, 0-0-48										
Pure Raw Bone, 3.70-20 T.P.A.-0	0.00	3.70	----	----	----	20.00	----	----	----	----
Fine Ground Bone, 2.47-23 T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
Pulverized Sheep and Goat Manure, 1.25-1 T.P.A.-2	0.00	1.25	----	----	----	----	----	----	----	----
Agrico for Potatoes-Tidewater, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Agrico for Truck, 5-10-5	3.75	1.25	10.00	----	----	----	2.00	----	----	3.00
Agrico for Tobacco-Sulphate, 5-8-10	3.75	1.25	8.00	----	----	----	----	----	10.00	----
Agrico for Potatoes, 4-8-7	3.00	1.00	8.00	----	----	----	4.20	----	----	2.80
Agrico for Tomatoes, 3-12-6	2.25	.75	12.00	----	----	----	----	----	----	6.00
Agrico for Corn, 3-12-6	2.25	.75	12.00	----	----	----	----	----	----	6.00
Agrico for Sweet Potatoes, 3-8-10	2.25	.75	8.00	----	----	----	5.00	----	----	5.00
Agrico for Grain, 2-12-4	1.50	.50	12.00	----	----	----	----	----	----	4.00
American Cyanamid Co., New York, N. Y.										
21% "Aero" Cyanamid Granular, 21-0-0	0.00	21.00	----	----	----	----	----	----	----	----
"Ammo-Phos," 16-20-0	16.00	0.00	----	----	----	†20.00	----	----	----	----
"Ammo-Phos," 11-48-0	11.00	0.00	----	----	----	†48.00	----	----	----	----
Armour Fertilizer Works, Baltimore, Md.										
Armour's Special Top Dresser, 10-6-4	9.00	1.00	6.00	----	----	----	4.00	----	----	----
Armour's Special Top Dresser, 10-5-2	9.00	1.00	5.00	----	----	----	----	----	2.00	----
Armour's Special Top Dresser, 8-5-2	7.20	.80	5.00	----	----	----	----	----	2.00	----
Armour's Big Crop 6-6-5 Fertilizer, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Armour's Big Crop 5-10-5 Fertilizer, 5-10-5	3.75	1.25	10.00	----	----	----	5.00	----	----	----
Armour's Big Crop 5-8-12 Fertilizer, 5-8-12	3.75	1.25	8.00	----	----	----	12.00	----	----	----
Armour's Vert, 5-8-6	5.00	0.00	8.00	----	----	----	3.00	----	3.00	----
Armour's Big Crop 4-12-4 Fertilizer, 4-12-4	3.00	1.00	12.00	----	----	----	4.00	----	----	----
Armour's Special Tobacco Grower, 4-8-12	3.00	1.00	8.00	----	----	----	----	----	12.00	----
Armour's Special Tobacco Grower, 4-8-10	3.00	1.00	8.00	----	----	----	----	----	10.00	----
Armour's Big Crop 4-8-10 Fertilizer, 4-8-10	3.00	1.00	8.00	----	----	----	10.00	----	----	----
Armour's Special Tobacco Grower, 4-8-7	3.00	1.00	8.00	----	----	----	----	----	7.00	----
Armour's Big Crop 4-8-7 Fertilizer, 4-8-7	3.00	1.00	8.00	----	----	----	7.00	----	----	----
Armour's Big Crop 4-8-5 Fertilizer, 4-8-5	2.40	1.60	8.00	----	----	----	5.00	----	----	----
Armour's Super-Fish Mixture, 3-12-6	1.80	1.20	12.00	----	----	----	6.00	----	----	----
Armour's Big Crop 3-12-6 Fertilizer, 3-12-6	2.25	.75	12.00	----	----	----	6.00	----	----	----
Armour's Big Crop 3-8-10 Fertilizer, 3-8-10	2.25	.75	8.00	----	----	----	10.00	----	----	----
Armour's Big Crop 3-8-8 Fertilizer, 3-8-8	2.25	.75	8.00	----	----	----	8.00	----	----	----
Armour's Big Crop 2-12-6 Fertilizer, 2-12-6	1.50	.50	12.00	----	----	----	3.00	----	----	3.00
Armour's Big Crop 2-12-4 Fertilizer, 2-12-4	1.50	.50	12.00	----	----	----	----	----	----	4.00
Armour's Big Crop 2-9-5 Fertilizer, 2-9-5	1.50	.50	9.00	----	----	----	----	----	----	5.00
Armour's Special Tobacco Grower, 2-8-10	1.50	.50	8.00	----	----	----	----	----	10.00	----
Armour's Big Crop 2-8-10 Fertilizer, 2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Armour's Royal Fish Mixture, 1-10-5	.50	.50	10.00	----	----	----	----	----	----	5.00
Armour's Big Crop 0-12-5 Fertilizer, 0-12-5	----	----	12.00	----	----	----	2.50	----	----	2.50
Armour's Big Crop 0-10-10 Fertilizer, 0-10-10	----	----	10.00	----	----	----	10.00	----	----	----
Armour's Big Crop Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Armour's Big Crop Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----

*Double Superphosphate. †Orphophosphoric Acid.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Armour Fertilizer Works, Baltimore, Md. (Continued)										
Armour's Big Crop Lime Phosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Armour's Sulphate of Ammonia, 20.50-0-0	20.50	0.00	----	----	----	----	----	----	----	----
Armour's Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
Armour's Kainit 20%, 0-0-20	----	----	----	----	----	----	----	20.00	----	----
Armour's Ground Tankage 6%, 6-0-0	0.00	6.00	----	----	----	----	----	----	----	----
Armour's Raw Bone Meal, 3.70-21.50 T.P.A.-0	0.00	3.70	----	----	----	21.50	----	----	----	----
Armour's Bone Meal, 2.47-23 T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
Armour's Sheep and Goat Manure, 1.25-1 T.P.A.-2	0.00	1.25	----	----	----	----	----	----	----	----
Armour's Shredded Cattle Manure, 2-.75 T.P.A.-1.50	0.00	2.00	----	----	----	----	----	----	----	----
Barrett Co., New York, N. Y.										
Arcadian Sulphate of Ammonia, 20.56-0-0	20.56	0.00	----	----	----	----	----	----	----	----
Sulphate of Ammonia, 20.56-0-0	20.56	0.00	----	----	----	----	----	----	----	----
Arcadian the American Nitrate of Soda, 16-0-0	16.00	0.00	----	----	----	----	----	----	----	----
Baugh and Sons Co., Baltimore, Md.										
Baugh's Top Dresser, 10-5-2	9.00	1.00	5.00	----	----	----	----	----	2.00	----
Baugh's Plant Bed Fertilizer, 8-5-2	6.80	1.20	5.00	----	----	----	----	----	2.00	----
Baugh's Activated Raw Bone Meal, with Potash, 6-9-5	3.00	3.00	----	----	----	9.00	5.00	----	----	----
Baugh's Plant Bed Fertilizer, 6-6-8	5.10	.90	6.00	----	----	----	----	----	8.00	----
Baugh's Original Potato Guano, 6-6-5	3.60	2.40	6.00	----	----	----	4.00	----	----	*1.00
Baugh's Truckers Favorite, 5-10-5	4.20	.80	10.00	----	----	----	5.00	----	----	----
Baugh's Balanced Plant Food, 4-12-4	3.20	.80	12.00	----	----	----	4.00	----	----	----
Baugh's Half Century Perfection Brand, 4-8-7	3.20	.80	8.00	----	----	----	7.00	----	----	----
Baugh's Peruvian Guano Substitute, 4-8-5	3.20	.80	8.00	----	----	----	5.00	----	----	----
Baugh's Three Quarter Century Perfection Brand, 3-12-6	2.25	.75	12.00	----	----	----	6.00	----	----	----
Baugh's High Grade Fish Brand, 3-12-6	1.80	1.20	11.60	----	.40	----	6.00	----	----	----
Baugh's Animal Base and Potash Compound, 3-8-10	2.25	.75	8.00	----	----	----	10.00	----	----	----
Baugh's Double Eagle Phosphate, 2-12-4	1.40	.60	12.00	----	----	----	4.00	----	----	----
Baugh's Complete Animal Base Fertilizer, 2-9-5	1.40	.60	9.00	----	----	----	5.00	----	----	----
Baugh's Half and Half Mixture, with Potash, 2-9-5	0.00	2.00	4.00	----	----	5.00	5.00	----	----	----
Baugh's Special Potato Manure, 2-9-5	1.40	.60	9.00	----	----	----	5.00	----	----	----

Baugh's High Grade Fish Brand, 3-12-6	1.80	1.20	11.00	----	----	----	10.00	----	----	----
Baugh's Animal Base and Potash Compound, 3-8-10	2.25	.75	8.00	----	----	----	4.00	----	----	----
Baugh's Double Eagle Phosphate, 2-12-4	1.40	.60	12.00	----	----	----	5.00	----	----	----
Baugh's Complete Animal Base Fertilizer, 2-9-5	1.40	.60	9.00	----	----	----				
Baugh's Half and Half Mixture, with Potash, 2-9-5	0.00	2.00	4.00	----	----	5.00	5.00	----	----	----
Baugh's Special Potato Manure, 2-9-5	1.40	.60	9.00	----	----	----	5.00	----	----	----
Baugh's Commercial Crop Compound, 2-8-10	1.40	.60	8.00	----	----	----	10.00	----	----	----
Baugh's Excelsior Mixture, 1-10-5	.60	.40	10.00	----	----	----	5.00	----	----	----
Baugh's Phosphate and Potash Mixture, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Baugh's Phosphate and Potash Mixture, 0-10-10	----	----	10.00	----	----	----	10.00	----	----	----
Baughphos, The Ideal 20% Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Baughphos, The Ideal 16% Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Baugh's Lime and Phosphate	----	----	16.00	----	----	----	----	----	----	----
Sulphate of Ammonia, 20.57-0-0	20.57	0.00	----	----	----	----	----	----	----	----
Nitrate of Soda, 15.50-0-0	15.50	0.00	----	----	----	----	----	----	----	----
Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
High Grade Kainit, 0-0-20	----	----	----	----	----	----	----	20.00	----	----
Baugh's High Grade Animal Tankage, 6-8 T.P.A.-0	0.00	6.00	----	8.00	----	----	----	----	----	----
Baugh's Raw Bone Meal, 3.70-21.50 T.P.A.-0	0.00	3.70	----	----	----	21.50	----	----	----	----
Baugh's Pure Steamed Bone Meal, 2.47-23. T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
F. W. Bolgiano and Co., Inc., Washington, D. C.										
Gold Tag, 8-5-2	7.20	.80	5.00	----	----	----	----	----	2.00	----
Gold Tag, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Gold Tag, 4-8-12	3.00	1.00	8.00	----	----	----	----	----	12.00	----
Gold Tag, 4-8-5	3.00	1.00	8.00	----	----	----	5.00	----	----	----
Gold Tag, 2-12-4	1.50	.50	12.00	----	----	----	4.00	----	----	----
Gold Tag, 2-9-5	1.50	.50	9.00	----	----	----	5.00	----	----	----
Gold Tag, 2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Gold Tag, 16% Acid Phosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Gold Tag Raw Bone Meal, 3.70-21.50 T.P.A.-0	0.00	3.70	----	----	----	21.50	----	----	----	----
Gold Tag Steamed Bone Meal, 2.47-23 T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
Central Chemical Co., Inc., Baltimore, Md.										
"Gro-All" Pomo Food, 10-6-4	8.25	1.75	†6.00	----	----	----	4.00	----	----	----
"Gro-All" Potato Specal, 4-8-7	3.50	.50	8.00	----	----	----	7.00	----	----	----
"Gro-All" Golden Sheaf, 3-12-6	2.50	.50	12.00	----	----	----	6.00	----	----	----
"Gro-All" Super-Fish Brand, 2-12-6	.50	1.50	12.00	----	----	----	6.00	----	----	----
"Gro-All" Grain Food, 2-12-4	1.50	.50	12.00	----	----	----	4.00	----	----	----
"Gro-All" Excelsior, 2-9-5	1.50	.50	9.00	----	----	----	5.00	----	----	----
"Gro-All" Crown Jewel, 1-10-5	.50	.50	10.00	----	----	----	5.00	----	----	----
"Gro-All" Potash Special, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
"Gro-All" Dissolved Phosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Chilean Nitrate Sales Corp., New York, N. Y.										
Champion Brand Chilean Nitrate of Soda, 16-0-0	16.00	0.00	----	----	----	----	----	----	----	----
Standard Chilean Nitrate of Soda, 15.25-0-0	15.25	0.00	----	----	----	----	----	----	----	----

*Sulphate of Potash Magnesia. †Ammoniated Superphosphate.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Davison Chemical Corp., Baltimore, Md.										
Davison Sulphate of Ammonia, 20.56-0-0	20.56	0.00	----	----	----	----	----	----	----	----
Davison Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
Davison Pure Raw Bone, 3.70-20 T.P.A.-0	0.00	3.70	----	----	----	20.00	----	----	----	----
Davison Fine Bone Meal	0.00	2.47	----	----	----	23.00	----	----	----	----
Edelen Bros, Baltimore, Md.										
Edelen's 10% Tobacco Bed Special, 10:5-2	8.75	1.25	5.00	----	----	----	----	----	2.00	----
Elixo Plant Food Co., Washington, D. C.										
Elixo Plant Tonic, 3-3-2	0.00	3.00	3.00	----	----	----	2.00	----	----	----
Farmers Cooperative Association, Inc., Frederick, Md.										
Spring Special, 4-8-7	3.20	.80	8.	----	----	----	7.00	----	----	----
Sure Crop, 2-12-6	1.50	.50	12.00	----	----	----	6.00	----	----	----
Wheat and Grass Special, 2-9-5	1.60	.40	9.00	----	----	----	----	----	----	5.00
Rock and Potash Special, 0-12-5	----	----	12.00	----	----	----	----	----	----	5.00
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
John E. Fitzpatrick, Dundalk, Md.										
Fitzpatrick's Fish Brand, 4-8-5	3.77	.23	8.00	----	----	----	----	----	----	5.00
Ford Motor Co., Dearborn, Mich.										
Ford Refined Ammonium Sulphate, 20.80-0-0	20.80	0.00	----	----	----	----	----	----	----	----
Griffith and Turner Co., Baltimore, Md.										
G. & T. Co's Grass Fertilizer, 9-5-2	7.20	1.80	5.00	----	----	----	2.00	----	----	----
G. & T. Co's Garden Fertilizer, 4-8-7	3.20	.80	7.00	----	----	*1.00	7.00	----	----	----
G. & T. Co's Rose Fertilizer, 3-12-6	2.10	.90	11.00	.10	.15	*.75	6.00	----	----	----
G. & T. Co's Soft Ground Bone, 3-14 T.P.A.-0	0.00	3.00	----	----	----	14.00	----	----	----	----
Huston, Culver and Co., Inc., Seaford, Del.										
Huston, Culver and Co.'s 6%, 6-6-5	5.00	1.00	6.00	----	----	----	5.00	----	----	----
Truck Guano, 5-8-12	4.00	1.00	8.00	----	----	----	12.00	----	----	----
Huston, Culver and Co.'s Special, 4-8-7	3.00	1.00	8.00	----	----	----	5.00	----	----	2.00
Trucker, 4-8-5										

G. & T. Co's Soft Ground Bone, 3-14 T.P.A.-0	0.00	3.00	----	----	----	14.00	----	----	----	----
Huston, Culver and Co., Inc., Seaford, Del.										
Huston, Culver and Co.'s 6%, 6-6-5	5.00	1.00	6.00	----	----	----	5.00	----	----	----
Truck Guano, 5-8-12	4.00	1.00	8.00	----	----	----	12.00	----	----	----
Huston, Culver and Co.'s Special, 4-8-7	3.00	1.00	8.00	----	----	----	5.00	----	----	2.00
Trucker, 4-8-5	3.00	1.00	8.00	----	----	----	5.00	----	----	----
Sweet Potato Mixture, 3-8-10	2.00	1.00	8.00	----	----	----	10.00	----	----	----
Crop Grower, 2-9-5	1.50	.50	9.00	----	----	----	----	----	----	5.00
Sussex Special, 2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Huston's Special, 1-10-5	.50	.50	10.00	----	----	----	----	----	----	5.00
Double Potash Mixture, 0-12-5	----	----	12.00	----	----	----	2.50	----	----	2.50
Wheat Special, 0-10-10	----	----	10.00	----	----	----	5.00	----	----	5.00
Acid Phosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Kainit, 0-0-20	----	----	----	----	----	----	----	20.00	----	----
Maryland Milling and Supply Co., Sykesville, Md.										
M. M. & S. Co. Potato Guano, 6-6-5	5.50	.50	6.00	----	----	----	5.00	----	----	----
Forthman's Special, 5-10-5	4.75	.25	10.00	----	----	----	----	5.00	----	----
1936 Special Crop Mixture, 2-12-5	1.75	.25	12.00	----	----	----	5.00	----	----	----
Newman's Favorite, 2-9-5	1.50	.50	9.00	----	----	----	1.00	4.00	----	----
Dietrich's Favorite, 1-10-5	.75	.25	10.00	----	----	----	----	5.00	----	----
Phosphate and Potash, 0-12-5	----	----	12.00	----	----	----	----	5.00	----	----
High Grade Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Massey and Wilmer, Chestertown, Md.										
Tom Jr., 4-8-5	3.00	1.00	8.00	----	----	----	5.00	----	----	----
2-12-4	1.00	1.00	12.00	----	----	----	4.00	----	----	----
Trustworthy, 2-9-5	1.00	1.00	9.00	----	----	----	2.00	----	----	3.00
Propagator, 2-8-10	1.00	1.00	8.00	----	----	----	10.00	----	----	----
Crop Producer, 1-10-5	.80	.20	10.00	----	----	----	----	----	----	5.00
0-12-5	----	----	12.00	----	----	----	2.00	----	----	3.00
0-10-10	----	----	10.00	----	----	----	5.00	----	----	5.00
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Medford Fertilizer Works, Medford, Md.										
2-9-5	1.50	.50	9.00	----	----	----	----	----	----	5.00
1-10-5	.75	.25	10.00	----	----	----	----	----	----	5.00
0-12-5	----	----	12.00	----	----	----	----	----	----	5.00
Miller Fertilizer Co., Baltimore, Md.										
Miller Tobacco Fertilizer, 8-5-2	7.20	.80	5.00	----	----	----	----	----	2.00	----
Miller 4-8-7 Fertilizer, 4-8-7	3.50	.50	8.00	----	----	----	7.00	----	----	----
Miller 3-12-6 Fertilizer, 3-12-6	2.50	.50	12.00	----	----	----	6.00	----	----	----
Miller 2-12-4 Fertilizer, 2-12-4	1.50	.50	12.00	----	----	----	4.00	----	----	----
Miller 2-9-5 Fertilizer, 2-9-5	1.50	.50	9.00	----	----	----	5.00	----	----	----

*Base Goods.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Miller Fertilizer Co., Baltimore, Md. (Continued)										
Miller 2-8-10 Fertilizer, 2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Miller 1-10-5 Fertilizer, 1-10-5	.50	.50	10.00	----	----	----	5.00	----	----	----
Miller Fertilizer, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Miller 16% Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Nitragin Co., Inc., Milwaukee, Wis.										
Nitragin is a humus culture for the inoculation of Legumes.										
G. Ober and Sons Co., Baltimore, Md.										
Ober's Tobacco Fertilizer, 10-5-2	8.50	1.50	5.00	----	----	----	----	----	2.00	----
Ober's Tobacco Fertilizer, 8-5-2	6.80	1.20	5.00	----	----	----	----	----	2.00	----
Ober's Tobacco Fertilizer, 6-6-8	5.10	.90	6.00	----	----	----	----	----	8.00	----
Ober's 6-6-5 Fertilizer, 6-6-5	5.50	.50	6.00	----	----	----	5.00	----	----	----
Ober's Lawn and Garden Fertilizer, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Ober's Tobacco Fertilizer, 4-8-12	2.80	1.20	8.00	----	----	----	----	----	12.00	----
Ober's Tobacco Fertilizer, 4-8-10	2.80	1.20	8.00	----	----	----	----	----	10.00	----
Ober's Tobacco Fertilizer, 4-8-7	2.80	1.20	8.00	----	----	----	----	----	7.00	----
Ober's Fertilizer, 4-8-7	3.50	.50	8.00	----	----	----	7.00	----	----	----
Ober's 4-8-5 Fertilizer, 4-8-5	3.50	.50	8.00	----	----	----	5.00	----	----	----
Ober's Tobacco Fertilizer, 4-8-5	2.80	1.20	8.00	----	----	----	----	----	5.00	----
Ober's Lawn and Garden Manure, 4-1½-3½	0.00	4.00	----	----	----	*1.50	----	----	----	*3.50
Ober's 3-12-6 Fertilizer, 3-12-6	2.50	.50	12.00	----	----	----	6.00	----	----	----
Ober's 2-12-6 Fertilizer, 2-12-6	1.50	.50	12.00	----	----	----	6.00	----	----	----
Ober's 2-12-4 Fertilizer, 2-12-4	1.50	.50	12.00	----	----	----	4.00	----	----	----
Ober's 2-9-5 Fertilizer, 2-9-5	1.50	.50	9.00	----	----	----	5.00	----	----	----
Ober's 2-8-10 Fertilizer, 2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Ober's Tobacco Fertilizer, 2-8-10	1.40	.60	8.00	----	----	----	----	----	10.00	----
Ober's 1-10-5 Fertilizer, 1-10-5	.50	.50	10.00	----	----	----	5.00	----	----	----
Ober's 0-12-5 Fertilizer, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Ober's Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Ober's Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Peerless Fertilizer Co., Chestertown, Md.										
Truckers Pride, 6-6-5	5.00	1.00	6.00	----	----	----	5.00	----	----	----
5-8-12	4.00	1.00	8.00	----	----	----	12.00	----	----	----

Ober's 1-10-5 Fertilizer, 1-10-5	.50	.50	10.00	----	----	----	5.00	----	----	----
Ober's 0-12-5 Fertilizer, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Ober's Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Ober's Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Peerless Fertilizer Co., Chestertown, Md.										
Truckers Pride, 6-6-5	5.00	1.00	6.00	----	----	----	5.00	----	----	----
5-8-12	4.00	1.00	8.00	----	----	----	12.00	----	----	----
4-8-10	3.50	.50	8.00	----	----	----	10.00	----	----	----
4-8-7	3.50	.50	8.00	----	----	----	7.00	----	----	----
Early Trucker, 4-8-5	3.50	.50	8.00	----	----	----	5.00	----	----	----
3-8-10	2.50	.50	8.00	----	----	----	10.00	----	----	----
Fish Brand Fertilizer, 3-8-8	2.50	.50	8.00	----	----	----	8.00	----	----	----
Our Peerless, 2-9-5	1.75	.25	9.00	----	----	----	5.00	----	----	----
2-8-10	1.50	.50	8.00	----	----	----	10.00	----	----	----
Plantabbs Corp., Baltimore, Md.										
Fulton's Plantabbs, 11-15 T.P.A.-20	11.00	0.00	----	----	----	†15.00	----	----	----	‡20.00
Potomac Poultry Food Co., Inc., Baltimore, Md.										
4% Potash Potolime, Baked Oyster Shell Lime	----	----	----	----	----	----	2.00	----	2.00	----
Read Drug and Chemical Co., Baltimore, Md.										
Plantgro, 4-12-4	4.00	0.00	12.00	----	----	----	4.00	----	----	----
Raw Bone Meal, 3.70-21.50 T.P.A.-0	0.00	3.70	----	----	----	21.50	----	----	----	----
F. S. Royster Guano Co., Baltimore, Md.										
Royster Tobacco Bed Fertilizer, 8-5-2	6.40	1.60	5.00	----	----	----	----	----	2.00	----
Royster Arrow Truck Guano, 6-6-5	3.60	2.40	6.00	----	----	----	5.00	----	----	----
Royster 5-8-12 Fertilizer, 5-8-12	4.00	1.00	8.00	----	----	----	12.00	----	----	----
Royster Trojan Guano, 4-12-4	3.20	.80	12.00	----	----	----	4.00	----	----	----
Royster Prize Guano, 4-8-10	3.20	.80	8.00	----	----	----	10.00	----	----	----
Royster Quality Trucker, 4-8-7	3.20	.80	8.00	----	----	----	7.00	----	----	----
Royster Gold Dust Tobacco Guano, 4-8-7	2.00	2.00	8.00	----	----	----	----	----	5.83	§1.17
Royster Golden Weed Tobacco Guano, 4-8-5	2.00	2.00	8.00	----	----	----	----	----	4.17	§.83
Royster Special Trucker, 4-8-5	3.20	.80	8.00	----	----	----	5.00	----	----	----
Royster Curlew Guano, 3-12-6	2.40	.60	12.00	----	----	----	6.00	----	----	----
Royster Favorite Guano, 3-8-10	2.40	.60	8.00	----	----	----	10.00	----	----	----
Royster Ideal Guano, 3-8-8	2.40	.60	8.00	----	----	----	8.00	----	----	----
Royster 2-12-6 Fertilizer, 2-12-6	1.60	.40	12.00	----	----	----	6.00	----	----	----
Royster Gem Guano, 2-12-4	1.60	.40	12.00	----	----	----	4.00	----	----	----
Royster Maryland Pride Tobacco Guano, 2-12-4	1.00	1.00	12.00	----	----	----	----	----	3.34	§.66
Royster Big Bully Guano, 2-9-5	1.60	.40	9.00	----	----	----	5.00	----	----	----
Royster Banner Guano, 2-8-10	1.60	.40	8.00	----	----	----	10.00	----	----	----
Royster Surety Guano, 1-10-5	.60	.40	10.00	----	----	----	5.00	----	----	----
Royster Phosphate and Potash, 0-12-5	----	----	12.00	----	----	----	----	----	----	5.00
Royster Phosphate and Potash, 0-10-10	----	----	10.00	----	----	----	5.00	----	----	5.00

*Vegetable Meal. †From Ammonium Phosphate. ‡From Potassium Nitrate. §Sulphate Magnesia.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
F. S. Royster Guano Co., Baltimore, Md. (Continued)										
Royster Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Royster Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Royster Sulphate of Ammonia, 20.56-0-0	20.56	0.00	----	----	----	----	----	----	----	----
Royster Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
Royster Kainit, 0-0-20	----	----	----	----	----	----	----	20.00	----	----
Wm. G. Scarlett and Co., Baltimore, Md.										
Scarlett's Greenway Brand Bone Meal, 2.50-24 T.P.A.-0	0.00	2.50	----	----	----	24.00	----	----	----	----
Simon Bros., Baltimore, Md.										
Mor Life Plant Food, 4-5-2	0.00	4.00	----	----	*.60	4.40	----	----	1.30	*.70
R. H. Slingluff Fertilizer Co., Baltimore, Md.										
Slingluff's 10% Tobacco Bed Special, 10-5-2	8.75	1.25	5.00	----	----	----	----	----	2.00	----
Slingluff's Tobacco Bed Mixture, 8-5-2	7.50	.50	5.00	----	----	----	----	----	2.00	----
Slingluff's Tobacco Bed Compound, 6-6-8	5.50	.50	6.00	----	----	----	----	----	8.00	----
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.										
National Prosperity Brand, 6-6-5	3.60	2.40	6.00	----	----	----	4.00	----	.50	†.50
Prize Winning Formula, 6-6-5	4.50	1.50	6.00	----	----	----	4.00	----	.50	†.50
Standard U. S., 5-10-5	4.00	1.00	10.00	----	----	----	5.00	----	----	----
Standard U. S., 4-12-4	3.20	.80	12.00	----	----	----	4.00	----	----	----
Standard U. S., 4-8-12	3.20	.80	8.00	----	----	----	----	----	12.00	----
Standard U. S., 4-8-10	3.20	.80	8.00	----	----	----	10.00	----	----	----
Standard U. S., 4-8-7	3.20	.80	8.00	----	----	----	7.00	----	----	----
Standard U. S., 4-8-5	3.20	.80	8.00	----	----	----	5.00	----	----	----
Standard U. S., 3-12-6	2.40	.60	12.00	----	----	----	6.00	----	----	----
Standard U. S., 3-8-10	2.40	.60	8.00	----	----	----	10.00	----	----	----
Standard U. S., 3-8-8	2.40	.60	8.00	----	----	----	8.00	----	----	----
National Prosperity Brand, 2-12-6	1.60	.40	12.00	----	----	----	6.00	----	----	----
Standard U. S., 2-12-4	1.60	.40	12.00	----	----	----	4.00	----	----	----
Standard U. S., 2-9-5	1.60	.40	9.00	----	----	----	5.00	----	----	----

Standard U. S., 3-12-6	2.40	.60	8.00	----	----	----	10.00	----	----	----
Standard U. S., 3-8-10	2.40	.60	8.00	----	----	----	8.00	----	----	----
Standard U. S., 3-8-8	1.60	.40	12.00	----	----	----	6.00	----	----	----
National Prosperity Brand, 2-12-6										
Standard U. S., 2-12-4	1.60	.40	12.00	----	----	----	4.00	----	----	----
Standard U. S., 2-9-5	1.60	.40	9.00	----	----	----	5.00	----	----	----
Standard U. S., 2-8-10	1.60	.40	8.00	----	----	----	10.00	----	----	----
Standard U. S., 1-10-5	.80	.20	10.00	----	----	----	5.00	----	----	----
Standard U. S., 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Standard U. S. Superphosphate, 0-20-0	----	----	20.00	----	----	----	----	----	----	----
Standard U. S. Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Standard U. S. Sulphate of Ammonia, 20.56-0-0	20.56	0.00	----	----	----	----	----	----	----	----
Standard U. S. Nitrate of Soda, 16-0-0	16.00	0.00	----	----	----	----	----	----	----	----
Standard U. S. Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
Standard U. S. Raw Bone Meal, 3.70-22 T.P.A.-0	0.00	3.70	----	----	----	22.00	----	----	----	----
Standard U. S. Steamed Bone Meal, 2.47-22 T.P.A.-0	0.00	2.47	----	----	----	22.00	----	----	----	----
Swift and Co. Fertilizer Works, Baltimore, Md.										
Swift's Red Steer Tobacco Grower, 8-5-2	6.40	1.60	5.00	----	----	----	----	----	2.00	----
Swift's Red Steer, 6-6-5	4.50	1.50	6.00	----	----	----	5.00	----	----	----
Swift's Red Steer, 5-8-12	3.75	1.25	8.00	----	----	----	12.00	----	----	----
Swift's Red Steer, 4-12-4	3.40	.60	10.97	----	----	‡1.03	4.00	----	----	----
Vigoro, 4-12-4	4.00	----	12.00	----	----	----	4.00	----	----	----
Swift's Red Steer Tobacco Grower, 4-8-12	3.00	1.00	6.96	----	----	‡1.04	----	----	12.00	----
Swift's Red Steer, 4-8-10	3.00	1.00	6.96	----	----	‡1.04	10.00	----	----	----
Swift's Red Steer Tobacco Grower, 4-8-10	3.00	1.00	6.96	----	----	‡1.04	----	----	10.00	----
Swift's Red Steer, 4-8-7	3.00	1.00	6.96	----	----	‡1.04	7.00	----	----	----
Swift's Red Steer Tobacco Grower, 4-8-7	3.00	1.00	6.96	----	----	‡1.04	----	----	7.00	----
Swift's Red Steer, 4-8-5	3.00	1.00	8.00	----	----	----	5.00	----	----	----
Swift's Red Steer Tobacco Grower, 4-8-5	3.00	1.00	8.00	----	----	----	----	----	5.00	----
Swift's Red Steer, 3-12-6	2.40	.60	12.00	----	----	----	6.00	----	----	----
Swift's Red Steer, 3-8-10	2.25	.75	8.00	----	----	----	10.00	----	----	----
Swift's Red Steer, 2-12-6	1.50	.50	12.00	----	----	----	6.00	----	----	----
Swift's Red Steer, 2-12-4	1.50	.50	12.00	----	----	----	4.00	----	----	----
Swift's Red Steer, 2-9-5	1.50	.50	7.83	----	----	‡1.17	5.00	----	----	----
Swift's Red Steer, 2-8-10	1.50	.50	6.96	----	----	‡1.04	10.00	----	----	----
Swift's Red Steer Tobacco Grower, 2-8-10	1.50	.50	6.96	----	----	‡1.04	----	----	10.00	----
Swift's Red Steer, 1-10-5	.75	.25	8.84	----	----	‡1.16	5.00	----	----	----
Swift's Red Steer, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Swift's Red Steer Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Sulphate of Ammonia, 20.50-0-0	20.50	----	----	----	----	----	----	----	----	----
Muriate of Potash, 0-0-48	----	----	----	----	----	----	48.00	----	----	----
Kainit, 0-0-20	----	----	----	----	----	----	----	20.00	----	----
Tankage, 4.52-8 T.P.A.-0	0.00	4.52	----	8.00	----	----	----	----	----	----
Raw Bone Meal, 3.70-20 T.P.A.-0	0.00	3.70	----	----	----	20.00	----	----	----	----
Bone Meal Fertilizer, 2.47-23 T.P.A.-0	0.00	2.47	----	----	----	23.00	----	----	----	----
Swift's Sheep Manure, 1.85-1 T.P.A-1.75	0.00	1.85	----	----	----	----	----	----	----	----

*Sheep Manure. ‡Ammonium Phosphate. †Carbonate.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphate	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Thomas and Co., Frederick, Md.										
Pea Mixture, 4-8-5	3.90	.10	8.00	----	----	----	5.00	----	----	----
Wheat and Grass Grower, 2-9-5	1.80	.20	9.00	----	----	----	----	----	----	5.00
Harvest Queen, 1-10-5	.80	.20	10.00	----	----	----	1.00	----	----	4.00
Rock and Potash, 0-12-5	----	----	12.00	----	----	----	----	----	----	5.00
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
I. P. Thomas and Son Co., Camden, N. J.										
6% Guano, 6-6-5	4.50	1.50	6.00	----	----	----	5.00	----	----	----
I. P. Thomas, 4-8-7	3.10	.90	8.00	----	----	----	7.00	----	----	----
Sweet Potato, 3-8-8	2.15	.85	8.00	----	----	----	8.00	----	----	----
Farmers Choice, 2-12-4	1.27	.73	12.00	----	----	----	4.00	----	----	----
Victor Potash, 2-9-5	1.25	.75	9.00	----	----	----	5.00	----	----	----
I. P. Thomas, 2-8-10	1.25	.75	8.00	----	----	----	10.00	----	----	----
Potash Mixture, 0-12-5	----	----	12.00	----	----	----	5.00	----	----	----
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Wm. B. Tilghman Co., Inc., Salisbury, Md.										
Tilghman's "Q" Brand, 6-6-5	3.60	2.40	4.80	.20	1.00	----	5.00	----	----	----
Tilghman's Irish P. Guano, 6-6-5	4.20	1.80	5.20	.10	.70	----	5.00	----	----	----
Tilghman's Mixture "A", 4-8-10	3.20	.80	7.50	.10	.40	----	10.00	----	----	----
Tilghman's Melon Mixture, 4-8-7	2.00	2.00	7.50	----	1.50	----	7.00	----	----	----
Tilghman's Early Truck, 4-8-5	3.20	.80	7.50	.10	.40	----	5.00	----	----	----
Tilghman's Mixture "B", 3-8-10	2.40	.60	7.50	.10	.40	----	10.00	----	----	----
Tilghman's Standard, 2-9-5	1.60	.40	8.50	.10	.40	----	5.00	----	----	----
Tilghman's S. P., 2-8-10	1.60	.40	7.50	.10	.40	----	10.00	----	----	----
Tilghman's Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Towson Nurseries, Inc., Towson, Md.										
Towson Lawn Food, 10-6-4	7.00	3.00	3.00	.50	----	2.50	4.00	----	----	----
F. W. Tunnell and Co., Inc., Philadelphia, Pa.										
Virginia Potato Manure, 6-6-5	4.50	1.50	5.00	1.00	----	----	5.00	----	----	----

Towson Nurseries, Inc., Towson, Md.										
Towson Lawn Food, 10-6-4	7.00	3.00	3.00	.50	----	2.50	4.00	----	----	----
F. W. Tunnell and Co., Inc., Philadelphia, Pa.										
Virginia Potato Manure, 6-6-5	4.50	1.50	5.00	1.00	----	----	5.00	----	----	----
Premier Potato Manure, 4-8-7	3.00	1.00	7.00	1.00	----	----	7.00	----	----	----
Vegetable and Fruit Manure, 3-8-10	2.25	.75	7.00	1.00	----	----	10.00	----	----	----
Standard Cereal Manure, 2-12-4	1.50	.50	11.00	1.00	----	----	4.00	----	----	----
Corn and Cereal Manure, 2-9-5	1.00	1.00	8.00	1.00	----	----	4.00	----	----	1.00
Potato and Truck Manure, 2-8-10	1.00	1.00	7.00	1.00	----	----	10.00	----	----	----
Wheat and Cereal Manure, 1-10-5	.30	.70	9.00	1.00	----	----	3.00	----	----	2.00
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Virginia-Carolina Chemical Corp., Baltimore, Md.										
V-C. 6% Truck Fertilizer, 6-6-5	3.60	2.40	6.00	----	----	----	4.50	----	*.50	----
V-C. Double Owl Brand, 4-8-7	3.00	1.00	8.00	----	----	----	6.50	----	*.50	----
V-C. Great Truck and Vegetable Compound, 4-8-5	3.00	1.00	8.00	----	----	----	4.50	----	*.50	----
V-C. Sweet Potato Special, 3-8-10	2.25	.75	8.00	----	----	----	9.50	----	*.50	----
V-C. Little Giant Crop Grower, 2-12-4	1.50	.50	12.00	----	----	----	2.00	----	*.50	1.50
V-C. Fish and Potash Compound, 2-9-5	1.50	.50	9.00	----	----	----	----	----	*1.00	4.00
V-C. Special for Potatoes and Vegetables, 2-8-10	1.50	.50	8.00	----	----	----	9.50	----	*.50	----
V-C. High Grade Potash Mixture, 0-12-5	----	----	12.00	----	----	----	4.50	----	*.50	----
V-C. Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----
Vita-Vim Co., Baltimore, Md.										
Vita-Vim, 6-10-4	3.50	2.50	10.00	----	----	----	----	----	4.00	----
Walker-Gordon Laboratory Co., Inc., Plainsboro, N. J.										
Bovung, 2-2-T.P.A.-2	0.00	2.00	----	----	----	----	----	----	----	----
Worcester Fertilizer Co., Snow Hill, Md.										
Worcester's Correct Plant Food Mixture, 6-6-5 Regular	4.20	1.80	5.45	.10	.45	----	5.00	----	----	----
Worcester's Correct Plant Food Mixture, 6-6-5 Gilt Edge	3.60	2.40	5.15	.10	.75	----	5.00	----	----	----
Worcester's Correct Plant Food Mixture, 4-8-7	2.80	1.20	7.75	----	.25	----	7.00	----	----	----
Worcester's Correct Plant Food Mixture, 4-8-5	2.80	1.20	7.75	----	.25	----	5.00	----	----	----
Superphosphate, 0-16-0	----	----	16.00	----	----	----	----	----	----	----

*Tobacco Stems.